



WIRE, CABLE & TUBING

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As Weico enters its second half century of supplying wire, cable and tubing to the electronics industry, we reflect on basic principles that never change, yet form the foundation for all change and progress. Weico’s commitment to quality and safety remains the same today as it did a half century ago.

Commitment to Quality and Safety

A total commitment by Weico that the wire and cable listed in this catalog has been manufactured to Weico’s exacting specifications and all products meet and in most cases exceed the referenced specifications whether UL, CSA, Military or National Electric Code.

This extraordinary catalog is an essential tool for today’s designers and engineers. It provides complete, accurate information concisely listed. Its unique three way index allows the user to find products by Weico part number, product description, or by industry specification, whether federal, military, UL or CSA. Designed by engineers for engineers, it is the most comprehensive technical catalog in the industry and has been the designers friend for more than a half century.



HOOK-UP WIRE PVC INSULATED

MIL-W-16878/1
TYPE B-600V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded or Solid Tinned Copper,
Color Coded Polyvinylchloride Insulation

CHARACTERISTICS:
•Temperature Rating: -55°C to +105°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1130	M16878/1BBB - X	30	7/38	.010	.032
1128	M16878/1BCB - X	28	7/36	.010	.034
1126/1	M16878/1BDA - X	26	SOLID	.010	.036
1126	M16878/1BDB - X	26	7/34	.010	.038
1126/19	M16878/1BDE - X	26	19/38	.010	.038
1124/1	M16878/1BEA - X	24	SOLID	.010	.040
1124	M16878/1BEB - X	24	7/32	.010	.043
1124/19	M16878/1BEE - X	24	19/36	.010	.043
1122/1	M16878/1BFA - X	22	SOLID	.010	.045
1122	M16878/1BFB - X	22	7/30	.010	.050
1122/19	M16878/1BFE - X	22	19/34	.010	.050
1120	M16878/1BGB - X	20	7/28	.010	.058
1120/19	M16878/1BGE - X	20	19/32	.010	.058
1118	M16878/1BHB - X	18	7/26	.010	.068
1118/19	M16878/1BHE - X	18	19/30	.010	.068
1116/19	M16878/1BJE - X	16	19/29	.010	.077
1114/19	M16878/1BKE - X	14	19/27	.010	.091

MIL-W-16878/2
TYPE C-1000V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded or Solid Tinned Copper,
Color Coded Polyvinylchloride Insulation

CHARACTERISTICS:
•Temperature Rating: -55°C to +105°C
•Voltage Rating: 1000 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1224/1	M16878/2BEA - X	24	SOLID	.016	.052
1224	M16878/2BEB - X	24	7/32	.016	.058
1222/1	M16878/2BFA - X	22	SOLID	.016	.059
1222	M16878/2BFB - X	22	7/30	.016	.064
1220/1	M16878/2BGA - X	20	SOLID	.016	.066
1220	M16878/2BGB - X	20	7/28	.016	.072
1218	M16878/2BHB - X	18	7/26	.016	.082
1216/19	M16878/2BJE - X	16	19/29	.016	.091
1214/19	M16878/2BKE - X	14	19/27	.016	.105
1212/19	M16878/2BLE - X	12	19/25	.016	.124

MIL-W-16878/3
TYPE D-3000V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper,
Color Coded Polyvinylchloride Insulation

CHARACTERISTICS:
•Temperature Rating: -55°C to +105°C
•Voltage Rating: 3000 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1324	M16878/3BEB - X	24	7/32	.029	.082
1322	M16878/3BFB - X	22	7/30	.029	.088
1320	M16878/3BGB - X	20	7/28	.029	.096
1318	M16878/3BHB - X	18	7/26	.029	.106
1316/19	M16878/3BJE - X	16	19/29	.029	.115
1314/19	M16878/3BKE - X	14	19/27	.029	.129
1312/19	M16878/3BLE - X	12	19/25	.034	.158
1310	M16878/3BMG - X	10	37/26	.037	.185
1308	M16878/3BNL - X	8	133/29	.040	.247
1306	M16878/3BPL - X	6	133/27	.040	.290
1304	M16878/3BRL - X	4	133/25	.046	.358
1302	M16878/3BSP - X	2	665/30	.046	.432

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft.

**** STRIPES:** Any of the above colors are available in any combination of stripes up to a maximum of three stripes.



HOOK-UP WIRE PVC INSULATED

MIL-W-16878/1
PREBONDED
TYPE B-600V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Tinned Copper Strands Twisted Together and Heated Causing the Tin to Flow, Fusing the Conductor Along Its Entire Length, Color Coded Polyvinylchloride Insulation.

- CHARACTERISTICS:**
- Temperature Rating: -55°C to +105°C
 - Voltage Rating: 600 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
1526	26	7/34	.039
1524	24	7/32	.044
1522	22	7/30	.051
1520	20	7/28	.059
1518	18	7/26	.070

APPLICATION:
The prebond conductor maintains much of the flexibility of an ordinary stranded wire but reduces processing and handling costs on soldering, retwisting of strands after stripping and hand tinning operations. Prebonded is the most flexible of the bonded constructions.

MIL-W-16878/17
NYLON JACKET
TYPE BN-600V



DESCRIPTION:
Stranded Tinned Copper. Color Coded Polyvinylchloride Insulation, Clear Nylon Jacket.

- CHARACTERISTICS:**
- Temperature Rating: -55°C to +115°C
 - Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	INSULATION STRAND	INSULATION THICKNESS	NYLON JACKET THICKNESS	NOM. O.D. (INCHES)
1926/19	M16878/17BDE-X	26	19/38	.010	.003	.044
1926	M16878/17BDB-X	26	7/34	.010	.003	.044
1924/19	M16878/17BEE-X	24	19/36	.010	.003	.049
1924	M16878/17BEB-X	24	7/32	.010	.003	.049
1922/19	M16878/17BFE-X	22	19/34	.010	.003	.056
1922	M16878/17BFB-X	22	7/30	.010	.003	.056
1920/19	M16878/17BGE-X	20	19/32	.010	.003	.064
1918/19	M16878/17BHE-X	18	19/30	.010	.003	.074
1916/19	M16878/17BJE-X	16	19/29	.010	.003	.083
1914/19	M16878/17BKE-X	14	19/27	.010	.004	.099

MIL-W-76B
TYPE MW-1000V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper. Color Coded Polyvinylchloride Insulation.

- CHARACTERISTICS:**
- Temperature Rating: -40°C to +80°C
 - Voltage Rating: 1000 Volts

WEICO NO.	TYPE DESIGNATION	CONDUCTOR SIZE	CONDUCTOR STRAND	INSULATION THICKNESS	NOM. O.D. (INCHES)
1624	MW-C24(7)U	24	7/32	.016	.059
1622	MW-C22(7)U	22	7/30	.016	.064
1620	MW-C20(10)U	20	10/30	.016	.073
1618	MW-C18(16)U	18	16/30	.016	.084
1616	MW-C16(26)U	16	26/30	.016	.095
1614	MW-C14(41)U	14	41/30	.016	.110
1612	MW-C12(65)U	12	65/30	.016	.125

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft.

**** STRIPES:** Any of the above colors are available in any combination of stripes up to a maximum of three stripes.



HOOK-UP WIRE IRRADIATED PVC INSULATED

UL 1429 IRRADIATED



(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded or Solid Tinned Copper, Irradiated Polyvinylchloride Insulation

- CHARACTERISTICS:**
- Temperature Rating: -55°C to +80°C
 - Voltage Rating: 150 Volts

UL STYLE 1429				
WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1428	28	7/36	.010	.035
1426/1	26	SOLID	.010	.038
1426	26	7/34	.010	.038
1424	24	7/32	.010	.043
1424/19	24	19/36	.010	.043
1422/1	22	SOLID	.010	.050
1422	22	7/30	.010	.050
1422/19	22	19/34	.010	.050
1420	20	7/28	.010	.058
1420/19	20	19/32	.010	.058
1418	18	7/26	.010	.068
1418/19	18	19/30	.010	.068
1416/19	16	19/.0117	.010	.077
*1414/19	14	19/.0147	.012	.095

*UL 1534

UL 1430 IRRADIATED



(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Irradiated Polyvinylchloride Insulation

- CHARACTERISTICS:**
- Temperature Rating: -55°C to +105°C
 - Voltage Rating: 300 Volts

UL STYLE 1430				
WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1446	24	7/32	.016	.058
1446/19	24	19/36	.016	.058
1447	22	7/30	.016	.064
1447/19	22	19/34	.016	.064
1448	20	7/28	.016	.072
1448/19	20	19/32	.016	.072
1449	18	7/26	.016	.082
1449/19	18	19/30	.016	.082
1450	16	19/.0117	.016	.091
†1451	14	19/.0147	.016	.105
†1452	12	19/.0186	.016	.124

†UL 3317

UL 1431 IRRADIATED



(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Irradiated Polyvinylchloride Insulation

- CHARACTERISTICS:**
- Temperature Rating: -55°C to +105°C
 - Voltage Rating: 600 Volts

UL STYLE 1431				
WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1469	24	7/32	.032	.092
1468	22	7/30	.032	.094
1467	20	19/32	.032	.103
1466	18	19/30	.032	.111
1465	16	19/.0117	.032	.120
1464	14	19/.0147	.032	.134
1463	12	19/.0186	.032	.153
1462	10	37/.0168	.032	.177
1461	8	133/29	.047	.263
1460	6	133/27	.065	.343

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft.

**** STRIPES:** Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

1007 **1569**

CSA TR-64

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Color Coded Polyvinylchloride Insulation, .016” Nominal Insulation Thickness

CHARACTERISTICS:
•Temperature Range: -40°C to + 105°C
•Voltage Rating: 300 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3028	28	7/36	.048
3026	26	7/34	.051
3024	24	7/32	.057
3022	22	7/30	.064
3020	20	10/30	.072
3018	18	16/30	.082
3016	16	26/30	.095
3014	14	41/30	.110

PREBONDED

1007 **1569**

CSA TR-64

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Tinned Copper Strands Twisted Together and Heated Causing The Tin To Flow, Fusing The Conductor Along Its Entire Length, Color Coded Polyvinylchloride Insulation, .016” Nominal Insulation Thickness.

CHARACTERISTICS:
• Temperature Range: -40°C to + 105°C
• Voltage Rating: 300 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3024PB	24	7/32	.057
3022PB	22	7/30	.064
3020PB	20	7/28	.072

APPLICATION:
The prebond conductor maintains much of the flexibility of an ordinary stranded wire but reduces processing and handling costs on soldering, retwisting of strands after stripping and hand tinning operations. Prebonded is the most flexible of the bonded constructions.

TOPCOAT

1007 **1569**

CSA TR-64

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Bare Copper Strands Twisted Together With The Resulting Conductor Given A Coating of Pure Tin, Bonding The Conductor Along Its Entire Length, Color Coded Polyvinylchloride Insulation, .016” Nominal Insulation Thickness.

CHARACTERISTICS:
• Temperature Range: -40°C to + 105°C
• Voltage Rating: 300 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3024TC	24	7/32	.057
3022TC	22	7/30	.064
3020TC	20	10/30	.072
3018TC	18	16/30	.082

APPLICATION:
Reduces processing and handling costs on soldering, retwisting of strands and hand tinning operations. Topcoat is more flexible than solid conductors, but not as flexible as prebonded.

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft.

**** STRIPES:** Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

1015 **MTW**

CSA TEW

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Or Solid Tinned Copper, Color Coded Polyvinylchloride Insulation, .032” Nominal Insulation Thickness

CHARACTERISTICS:
• Temperature Range: -40°C to +105°C
• Voltage Rating: 600 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3224	24	7/32	.088
3222	22	7/30	.095
3220	20	10/30	.102
3218/1	18	SOLID	.104
3218	18	16/30	.112
3216	16	26/30	.125
3214	14	41/30	.142
3212	12	65/30	.156
3210	10	105/30	.184
*3208	8	133/29	.265
**3206	6	133/27	.341
**3204	4	133/25	.388
**3202	2	665/30	.424

*UL 1028 **UL 1283

PREBONDED

1015 **MTW**

CSA TEW

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Tinned Copper Strands Twisted Together and Heated Causing The Tin To Flow, Fusing The Conductor Along Its Entire Length, Color Coded Polyvinylchloride Insulation, .032” Nominal Insulation Thickness

CHARACTERISTICS:
• Temperature Range: -40°C to + 105°C
• Voltage Rating: 600 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3222PB	22	7/30	.095
3220/7PB	20	7/28	.102
3218PB	18	16/30	.112
3216PB	16	26/30	.125

APPLICATION:
The prebond conductor maintains much of the flexibility of an ordinary stranded wire but reduces processing and handling costs on soldering, retwisting of strands after stripping and hand tinning operations. Prebonded is the most flexible of the bonded constructions.

TOPCOAT

1015 **MTW**

CSA TEW

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Bare Copper Strands Twisted Together With The Resulting Conductor Given A Coating of Pure Tin, Bonding The Conductor Along Its Entire Length, Color Coded Polyvinylchloride Insulation, .032” Nominal Insulation Thickness.

CHARACTERISTICS:
• Temperature Range: -40°C to + 105°C
• Voltage Rating: 600 Volts

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. O.D. (INCHES)
3224TC	24	7/32	.088
3222TC	22	7/30	.095
3220/7TC	20	7/28	.102
3218TC	18	16/30	.112

APPLICATION:
Reduces processing and handling costs on soldering, retwisting of strands and hand tinning operations. Topcoat is more flexible than solid conductors, but not as flexible as prebonded.

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft.

**** STRIPES:** Any of the above colors are available in any combination of stripes up to a maximum of three stripes.



HOOK-UP WIRE

POLYETHYLENE • RUBBER TEST LEAD
THHN UNIVERSAL CIRCUIT WIRE

3173 SIS
CSA CL 1251



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Cross-Linked Polyethylene Insulation

- CHARACTERISTICS:**
- Temperature Rating:
UL 3173: -35°C to +125°C
SIS: -35°C to +90°C
 - Voltage Rating: 600 V

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
*3718/16	18	16/30	.030	.113
*3716/26	16	26/30	.030	.125
3714/41	14	41/30	.030	.141
3712/65	12	65/30	.030	.158
3710/105	10	105/30	.030	.192
†3708/133	8	133/29	.045	.262

*UL 3173 + CSA only † UL3195

Standard Put-Ups: 100ft, 1000 ft.

TEST LEAD WIRE



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Rubber Insulation

- CHARACTERISTICS:**
- Temperature Range: -30°C to +90°C
 - Voltage Rating: See chart

WEICO NO.	CONDUCTOR SIZE	STRANDING	NOM. WALL THICKNESS	NOM. O.D. (INCHES)	BREAKDOWN VOLTAGE	SUGGESTED WORKING VOLTAGE
9912	20	41/36	.040	.125	6,000V	1,500V
9913	18	65/36	.045	.140	20,000V	5,000V

Standard Put-Ups: 500ft, 1000 ft.

STOCK COLORS:
Black, Red, Green - Consult Factory For Availability Of Other Colors

THHN UNIVERSAL
CIRCUIT WIRE 600V



DESCRIPTION:
Stranded or Solid Bare Copper, PVC Insulation and
Clear Nylon Jacket Overall. Used for Building Wire,
Machine Tool Wire, Appliances, Lighting Ballasts
and General Hook-up Wire.

- CHARACTERISTICS:**
- Temperature Rating: -25°C to + 105°C
 - Voltage Rating: 600 Volts

WEICO NO.	COND. SIZE (AWG) & STRANDING	INSULATION THICKNESS	NOMINAL JACKET THICKNESS	NOM.O.D. (INCHES)
†8928	#18 Solid	.015	.004	.082
†1430	#16 Solid	.015	.004	.089
1431	#14 Solid	.015	.004	.110
1432	#12 Solid	.015	.004	.125
1433	#10 Solid	.020	.004	.155
†1429	#18 (19)	.015	.004	.090
†1434	#16 (19)	.015	.004	.100
1435	#14 (19)	.015	.004	.116
1436	#12 (19)	.015	.004	.135
1437	#10 (19)	.020	.004	.170
1438	#8 (19)	.030	.005	.225
1439	#6 (19)	.030	.005	.260
1440	#4 (19)	.040	.006	.335
1441	#2 (19)	.040	.006	.400
1442	#1 (19)	.050	.007	.450
1443	#1/0 (19)	.050	.007	.500
1444	#2/0 (19)	.050	.007	.540

†TFFN

COLORS:
0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

Standard Put-Ups: #18 thru #12 - 500 ft., 2,500 ft.
#10 thru #6 - 500 ft., 1,000 ft.
#4 - 100 ft., 500 ft.



HOOK-UP WIRE

PVC • POLYOLEFIN INSULATED

1061 SEMI-RIGID
CSA SR-PVC

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Semi-Rigid Polyvinylchloride Insulation

- CHARACTERISTICS:**
- Temperature Range: -10°C to +80°C
 - Voltage Rating: 300 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM.O.D. (INCHES)
3326	26	7/34	.010	.038
3324	24	7/32	.010	.042
3322	22	7/30	.010	.048
3320	20	7/28	.010	.056
3318	18	7/26	.010	.068

APPLICATIONS:
Internal wiring of computers, electric bookkeeping, accounting machines, and other office and control equipment.

3271
CSA CL 1251

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Irradiated Cross Linked Polyolefin (XLPE),
.032” Nominal Insulation Thickness

- CHARACTERISTICS:**
- Temperature Range: -55°C to +125°C
 - Voltage Rating: 600 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. O.D. (INCHES)
3620	20	7/28	.101
3618	18	16/30	.109
3616/19	16	19/29	.122
3614/41	14	41/30	.137
3612/65	12	65/30	.156
3610/105	10	105/30	.182

3266
CSA CL 1252

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Irradiated Cross Linked Polyolefin (XLPE),
.016” Nominal Insulation Thickness

- CHARACTERISTICS:**
- Temperature Range: - 55°C to + 125°C
 - Voltage Rating: 300 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM.O.D. (INCHES)
*3524/19	24	19/36	.057
3522	22	7/30	.062
3522/19	22	19/34	.064
3520/19	20	19/32	.072
3518/19	18	19/30	.082
3516/19	16	19/29	.089
3514/19	14	19/27	.106

*AWM only

Standard Put-Ups: 100 ft., 1000 ft.

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

REF. MIL-W-16878/11

TYPE K

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:

Stranded Tinned Copper (Weico Stocks This Material In The More Popular Tinned Copper, The MIL-Spec Version Is Silver Plated Copper) Extruded Color Coded FEP “Teflon”** Insulation.

CHARACTERISTICS:

- Temperature Range: -55°C to +150°C
- Voltage Rating: 600 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
K2122	22	7/30	.010	.050
K2122/19	22	19/34	.010	.051
K2120/19	20	19/32	.010	.059
K2118/19	18	19/30	.010	.070

1180

CSA AWM

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:

Stranded Silver Plated Copper Conductor, Extruded TFE “Teflon”** Insulation, UL & CSA Imprinted

CHARACTERISTICS:

- Temperature Range: -60°C to +200°C
- Voltage Rating: 300 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2224/19UL	24	19/36	.015	.054
2222/19UL	22	19/34	.015	.060
2220/19UL	20	19/32	.015	.068
2218/19UL	18	19/30	.015	.077
2216/19UL	16	19/.0117	.015	.085
2214/19UL	14	19/.0147	.015	.099
2212/19UL	12	19/.0185	.015	.119
2210UL	10	37/.0167	.015	.143

1199

CSA AWM

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:

Stranded Silver Plated Copper Conductor, Extruded TFE “Teflon”** Insulation, UL & CSA Imprinted

CHARACTERISTICS:

- Temperature Range: -60°C to +200°C
- Voltage Rating: 600 Volts

WEICO NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2624/19UL	24	19/36	.022	.068
2622/19UL	22	19/34	.022	.074
2620/19UL	20	19/32	.022	.082
2618/19UL	18	19/30	.022	.091
2616/19UL	16	19/.0117	.022	.100
2614/19UL	14	19/.0147	.022	.114
2612/19UL	12	19/.0185	.022	.133
2610UL	10	37/.0167	.022	.158
2608UL	8	133/29	.030	.230

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

Standard Put-Ups: 100 ft., 1000 ft.

*DuPont’s Registered Trademark ** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-22759/11

600V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:

Stranded Silver Plated Copper, Extruded TFE “Teflon”** Insulation

CHARACTERISTICS:

- Temperature Rating: -60°C to +200°C
- Voltage Rating: 600 Volts
- Printed with Military Part Number, & Manufacturer’s Code Identification

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRANDING	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2428	M22759/11-28-X	28	7/36	.009	.033
2426/19	M22759/11-26-X	26	19/38	.010	.038
2424/19	M22759/11-24-X	24	19/36	.010	.043
2422/19	M22759/11-22-X	22	19/34	.010	.049
2420/19	M22759/11-20-X	20	19/32	.010	.058
2418/19	M22759/11-18-X	18	19/30	.010	.068
2416/19	M22759/11-16-X	16	19/29	.011	.075
2414/19	M22759/11-14-X	14	19/27	.012	.090
2412/19	M22759/11-12-X	12	19/25	.014	.111
2410/19	M22759/11-10-X	10	37/26	.016	.139

MIL-W-16878/4

TYPE E-600V

(PASSES UL VW-1 FLAME TEST)

1213



DESCRIPTION:

Stranded Silver Plated Copper, Extruded TFE “Teflon”** Insulation

CHARACTERISTICS:

- Temperature Rating: MIL-W-16878: -60°C to +200°C
UL 1213: +105°C
- Voltage Rating: MIL-W-16878: 600 Volts
UL 1213: Not Rated

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2132	M16878/4BAB-X	32	7/40	.010	.030
2130	M16878/4BBB-X	30	7/38	.010	.032
2128	M16878/4BCB-X	28	7/36	.010	.036
2128/19	M16878/4BCE-X	28	19/40	.010	.036
2126	M16878/4BDB-X	26	7/34	.010	.040
2126/19	M16878/4BDE-X	26	19/38	.010	.041
2124	M16878/4BEB-X	24	7/32	.010	.044
2124/19	M16878/4BEE-X	24	19/36	.010	.045
2122	M16878/4BFB-X	22	7/30	.010	.050
2122/19	M16878/4BFE-X	22	19/34	.010	.051
2120	M16878/4BGB-X	20	7/28	.010	.058
2120/19	M16878/4BGE-X	20	19/32	.010	.059
2118	M16878/4BHB-X	18	7/26	.010	.068
2118/19	M16878/4BHE-X	18	19/30	.010	.070
2116/19	M16878/4BJE-X	16	19/29	.010	.077
2114/19	M16878/4BKE-X	14	19/27	.012	.094
2112/19	M16878/4BLE-X	12	19/25	.012	.113
2110/19	M16878/4BMG-X	10	37/26	.012	.134

NOTE: AWG 16-10 must be surface marked to comply with UL, please specify when ordering

MIL-W-16878/4

SOLID CONDUCTOR

TYPE E-600V

(PASSES UL VW-1 FLAME TEST)

1213



DESCRIPTION:

Solid, Silver Plated Copper, Extruded TFE “Teflon”** Insulation

CHARACTERISTICS:

- Temperature Rating: MIL-W-16878: -60°C to +200°C
UL 1213: +105°C
- Voltage Rating: MIL-W-16878: 600 Volts
UL 1213: Not Rated

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2830	M16878/4BBA-X	30	Solid	.010	.030
2828	M16878/4BCA-X	28	Solid	.010	.033
2826	M16878/4BDA-X	26	Solid	.010	.036
2824	M16878/4BEA-X	24	Solid	.010	.040
2822	M16878/4BFA-X	22	Solid	.010	.045
2820	M16878/4BGA-X	20	Solid	.010	.052
2818	M16878/4BHA-X	18	Solid	.010	.060

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding Standard Put-Ups: 100 ft., 1000 ft .

*DuPont’s Registered Trademark
**STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-22759/9

1000V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Silver Plated Copper,
Extruded TFE “Teflon”[®] Insulation

CHARACTERISTICS:
•Temperature Rating: -60°C to +200°C
•Voltage Rating: 1000 Volts
•Printed with Military Part Number &
Manufacturer’s Code Identification.

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2726/19	M22759/9-26-X	26	19/38	.015	.048
2724/19	M22759/9-24-X	24	19/36	.015	.053
2722/19	M22759/9-22-X	22	19/34	.015	.060
2720/19	M22759/9-20-X	20	19/32	.015	.068
2718/19	M22759/9-18-X	18	19/30	.016	.078
2716/19	M22759/9-16-X	16	19/29	.016	.085
2714/19	M22759/9-14-X	14	19/27	.017	.100
2712/19	M22759/9-12-X	12	19/25	.017	.120
2710	M22759/9-10-X	10	37/26	.017	.141

MIL-W-16878/5

MIL-W-16878/22

MIL-W-16878/34

TYPE EE-1000V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Silver Plated Copper,
Extruded or Taped TFE “Teflon”[®] Insulation

CHARACTERISTICS:
• Temperature Rating:
MIL-W-16878: -60°C to +200°C
UL 1180: +200°C
• Voltage Rating:
MIL-W-16878: 1000 Volts
UL 1180: 300 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2224	M16878/5BEB - X	24	7/32	.015	.054
2224/19	M16878/5BEE - X	24	19/36	.015	.055
2222	M16878/5BFB - X	22	7/30	.015	.060
2222/19	M16878/5BFE - X	22	19/34	.015	.062
2220	M16878/5BGB - X	20	7/28	.015	.068
2220/19	M16878/5BGE - X	20	19/32	.015	.070
2218/19	M16878/5BHE - X	18	19/30	.015	.080
2216/19	M16878/5BJE - X	16	19/29	.015	.089
2214/19	M16878/5BKE - X	14	19/27	.017	.106
2212/19	M16878/5BLE - X	12	19/25	.017	.124
2210	M16878/5BMG-X	10	37/26	.017	.145
*2208	M16878/22BNL-X	8	133/29	.020	.210
*2206	M16878/22BPL-X	6	133/27	.020	.252
*2204	M16878/34BRL-X	4	133/25	.020	.315

NOTE: 2220/19 - 2224 Dual rated to UL 1180. For UL & CSA approved wire - See Page 10.

*Taped Jacket

Standard Put-Ups: 100 ft., 1000 ft.

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding

* DuPont’s Registered Trademark ** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-16878/6

TYPE ET - 250V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Stranded Silver Plated Copper,
Extruded TFE “Teflon”[®] Insulation

CHARACTERISTICS:
•Temperature Rating: -60°C to +200°C
•Voltage Rating: 250 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2332	M16878/6BAB-X	32	7/40	.006	.021
2330	M16878/6BBB-X	30	7/38	.006	.024
2328	M16878/6BCB-X	28	7/36	.006	.027
2328/19	M16878/6BCE-X	28	19/40	.006	.027
2326	M16878/6BDB-X	26	7/34	.006	.031
2326/19	M16878/6BDE-X	26	19/38	.006	.032
2324	M16878/6BEB-X	24	7/32	.006	.036
2324/19	M16878/6BEE-X	24	19/36	.006	.037
2322	M16878/6BFB-X	22	7/30	.006	.042
2322/19	M16878/6BFE-X	22	19/34	.006	.044
2320/19	M16878/6BGE-X	20	19/32	.006	.050

Standard Put-Ups: 100 ft., 1000 ft. *DuPont’s Registered Trademark

MIL-W-16878/6

SOLID CONDUCTOR

TYPE ET-250V

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Solid Silver Plated Copper,
Extruded TFE “Teflon”[®] Insulation

CHARACTERISTICS:
•Temperature Rating: -60°C to +200°C
•Voltage Rating: 250 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2932	M16878/6BAA-X	32	Solid	.006	.019
2930	M16878/6BBA-X	30	Solid	.006	.022
2928	M16878/6BCA-X	28	Solid	.006	.025
2926	M16878/6BDA-X	26	Solid	.006	.028
2924	M16878/6BEA-X	24	Solid	.006	.032

Standard Put-Ups: 100 ft., 1000 ft. *DuPont’s Registered Trademark

†KYNAR INSULATED

 1423

SOLID CONDUCTOR

(PASSES UL VW-1 FLAME TEST)



DESCRIPTION:
Solid Silver-Plated, Oxygen-Free,
High Conductivity (OFHC) Copper Conductor,
†Kynar Insulation.

CHARACTERISTICS:
•Temperature Rating: +125°C
(UL Rated at 105°C)
•High Cut-thru and Abrasion Resistance

WEICO NO.	SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
2030	30	Solid	.005	.019
2028	28	Solid	.005	.023
2026	26	Solid	.005	.026
2024	24	Solid	.005	.030

Standard Put-Ups: 1000 ft. †Registered Trademark of Pennwalt

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

X Denotes 0-9 color coding

**STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-22759/32

CROSS-LINKED

ETFE



DESCRIPTION:
Stranded, Tinned Copper, Color Coded
Irradiation Cross-Linked Extruded
Modified Ethylene Tetrafluoroethylene
Copolymer (ETFE) Insulation.

CHARACTERISTICS:
•Temperature Rating: 150°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. O.D. (INCHES)
2530	M22759/32-30-X	30	7/38	.024
2528	M22759/32-28-X	28	7/36	.027
2526/19	M22759/32-26-X	26	19/38	.032
2524/19	M22759/32-24-X	24	19/36	.037
2522/19	M22759/32-22-X	22	19/34	.043
2520/19	M22759/32-20-X	20	19/32	.050
2518/19	M22759/32-18-X	18	19/30	.060
2516/19	M22759/32-16-X	16	19/29	.068
2514/19	M22759/32-14-X	14	19/27	.085
2512/37	M22759/32-12-X	12	37/28	.103

MIL-W-81044/12

CROSS-LINKED

POLYALKENE PVF



DESCRIPTION:
Stranded Tinned Copper, Color Coded
Irradiation Cross-Linked Extruded
Polyalkene with Clear Irradiation
Cross-Linked Extruded Polyvinylidene
Fluoride (PVF) Jacket.

CHARACTERISTICS:
•Temperature Rating: 150°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. O.D. (INCHES)
9898	M81044/12-28-X	28	7/36	.032
9897	M81044/12-26-X	26	19/38	.036
9896	M81044/12-24-X	24	19/36	.042
9895	M81044/12-22-X	22	19/34	.049
9894	M81044/12-20-X	20	19/32	.057
9893	M81044/12-18-X	18	19/30	.067
9892	M81044/12-16-X	16	19/29	.075
9891	M81044/12-14-X	14	19/27	.093
9890	M81044/12-12-X	12	37/28	.112

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

Standard Put-Ups: 100 ft., 1000 ft .

X Denotes 0-9 color coding

** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-22759/16

CROSS-LINKED

ETFE



DESCRIPTION:
Stranded, Tinned Copper, Color
Coded Irradiation Cross-Linked
Extruded Ethylene Tetrafluoroethylene
Copolymer (ETFE) Insulation.

CHARACTERISTICS:
•Temperature Rating: -55°C to +150°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
4324/19	M22759/16-24-X	24	19/36	.010	.045
4322/19	M22759/16-22-X	22	19/24	.010	.052
4320/19	M22759/16-20-X	20	19/32	.010	.060
4318/19	M22759/16-18-X	18	19/30	.010	.071
4316/19	M22759/16-16-X	16	19/29	.010	.079
4314/19	M22759/16-14-X	14	19/27	.010	.093
4312/19	M22759/16-12-X	12	19/28	.010	.114
4310/19	M22759/16-10-X	10	19/26	.010	.139
4308/19	M22759/16-08-X	08	133/29	.010	.199

MIL-W-22759/33

CROSS-LINKED

EFTE



DESCRIPTION:
Stranded Silver-Plated High Strength
Copper Alloy, Color Coded Irradiation
Cross-Linked Extruded Ethylene
Tetrafluoroethylene-Copolymer (EFTE).

CHARACTERISTICS:
•Temperature Rating: 200°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1728	M22759/33-28-X	28	7/36	.006	.027
1726/19	M22759/33-26-X	26	19/38	.006	.032
1724/19	M22759/33-24-X	24	19/36	.006	.037

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

Standard Put-Ups: 100 ft., 1000 ft .

X Denotes 0-9 color coding

** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MIL-W-22759/34

CROSS-LINKED

ETFE



DESCRIPTION:
Stranded, Tinned Copper, Color Coded
Dual layer of Irradiation Cross-Linked
Extruded Ethylene Tetrafluoroethylene
Copolymer (ETFE) Insulation.

CHARACTERISTICS:
•Temperature Rating: -55°C to +150°C
•Voltage Rating: 600 Volts

WEICO NO.	MILITARY NO.	CONDUCTOR SIZE	CONDUCTOR STRAND	NOM. WALL THICKNESS	NOM. O.D. (INCHES)
1824/19	M22759/34-24-X	24	19/36	.010	.045
1822/19	M22759/34-22-X	22	19/24	.010	.050
1820/19	M22759/34-20-X	20	19/32	.010	.058
1818/19	M22759/34-18-X	18	19/30	.010	.070

MIL-W-22759/44

CROSS-LINKED

EFTE



DESCRIPTION:
Stranded Silver-Plated Copper, Color
Coded Cross-Linked Extruded Ethylene
Tetrafluoroethylene Copolymer (EFTE).

CHARACTERISTICS:
•Temperature Rating: 200°C
•Voltage Rating: 600 Volts

COLORS: 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray Stripes**
1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

Standard Put-Ups: 100 ft., 1000 ft .

X Denotes 0-9 color coding

** STRIPES: Any of the above colors are available in any combination of stripes up to a maximum of three stripes.

MULTIPAIR UNSHIELDED

80°C-300V-PVC

22 AND 18 GAUGE



SPECIFICATIONS:

•UL Listed, NEC Type CM, 75°C
•UL AWM Style 2464, 80°C, 300 Volts
•CSA Certified CMG

DESCRIPTION:
Each Conductor Solid or Stranded Tinned
Copper, Color Coded Polyvinylchloride
Insulation. Conductors Twisted into Pairs,
Gray Polyvinylchloride Jacket Overall.

22 AWG-SOLID CONDUCTORS NOM. INS. THICKNESS .010				
WEICO NO.	NO. OF PAIRS	NO. OF COND.	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
7102	1	2	.032	.150
7104	2	4	.032	.209
7106	3	6	.032	.244
7108	4	8	.032	.259
7110	5	10	.035	.297
7112	6	12	.035	.305
7118	9	18	.037	.354
7122	11	22	.037	.369
7126	13	26	.037	.394
7130	15	30	.040	.405
7132	16	32	.040	.425
7138	19	38	.040	.430
7146	23	46	.040	.495
7154	27	54	.045	.535

22 AWG (7/30)-STRANDED CONDUCTORS NOM. INS. THICKNESS .010				
7002	1	2	.032	.165
7004	2	4	.032	.238
7006	3	6	.032	.284
7008	4	8	.032	.299
7010	5	10	.032	.304
7012	6	12	.035	.320
7018	9	18	.037	.389
7022	11	22	.035	.400
7024	12	24	.040	.425
7030	15	30	.040	.440
7038	19	38	.040	.505
7046	23	46	.045	.555
7054	27	54	.045	.580
7054/51	51	102	.045	.800

18 AWG (16/30)-STRANDED CONDUCTORS NOM. INS. THICKNESS .016				
7202	1	2	.032	.222
7204	2	4	.035	.325
7206	3	6	.037	.342
7208	4	8	.040	.358
7210	5	10	.050	.416
7212	6	12	.050	.475
7216	8	16	.050	.510
7218	9	18	.055	.560
7224	12	24	.055	.625
7230	15	30	.060	.710
7238	19	38	.070	.765
7254	27	54	.070	.900

COLOR CODE: Chart B page 50



COMMUNICATION AND CONTROL CABLE

MULTICONDUCTOR
UNSHIELDED
80°C-300V - PVC



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:
Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride Insulation, Gray Polyvinylchloride Jacket Overall.

MULTI-CONDUCTOR 22-AWG (7/30) NOM. INS. THICKNESS .010			
WEICO NO.	NO. OF COND.	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
4002	2	.032	.164
4003	3	.032	.169
4004	4	.032	.194
4005	5	.032	.199
4006	6	.032	.209
4007	7	.032	.214
4008	8	.032	.224
4009	9	.032	.249
4010	10	.032	.259
4012	12	.032	.279
4015	15	.032	.304
4020	20	.032	.324
4025	25	.032	.364
4030	30	.032	.379
4040	40	.032	.439
4050	50	.035	.500
4060	60	.035	.530

COLOR CODE: Chart C page 50

MULTICONDUCTOR
UNSHIELDED
80°C-300V - PVC



SPECIFICATIONS:



- UL Listed, NEC Type CM or CL2 (see table), 75°C
- UL AWM Style 2095, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:
Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride Insulation, Gray Polyvinylchloride Jacket Overall.

MULTI-CONDUCTOR: NOM. INSULATION THICKNESS .016						
WEICO NO.	NO. OF COND.	CONDUCTOR AWG	CONDUCTOR STRAND	NOM. JACKET THICKNESS (INCHES)	UL NEC RATING	NOM. O.D. (INCHES)
4002/20	2	20	10/30	.020	CL2	.180
4003/20	3	20	10/30	.020	CL2	.190
4004/20	4	20	10/30	.020	CL2	.215
4005/20	5	20	10/30	.020	CL2	.233
4006/20	6	20	10/30	.020	CL2	.255
4007/20	7	20	10/30	.020	CL2	.255
4008/20	8	20	10/30	.020	CL2	.270
4009/20	9	20	10/30	.020	CL2	.300
4010/20	10	20	10/30	.020	CL2	.335
4012/20	12	20	10/30	.020	CL2	.350
4015/20	15	20	10/30	.030	CL2	.395
4002/18	2	18	16/30	.020	CM	.200
4003/18	3	18	16/30	.020	CM	.210
4004/18	4	18	16/30	.020	CM	.240
4005/18	5	18	16/30	.020	CM	.262
4006/18	6	18	16/30	.020	CM	.290
4007/18	7	18	16/30	.020	CM	.286
4008/18	8	18	16/30	.025	CM	.315
4009/18	9	18	16/30	.025	CM	.346
4010/18	10	18	16/30	.025	CM	.370
4012/18	12	18	16/30	.025	CM	.385
4015/18	15	18	16/30	.030	CM	.445
4019/18	19	18	16/30	.030	CM	.470
4025/18	25	18	16/30	.035	CM	.558
4002/16	2	16	26/30	.020	CL2	.225
4003/16	3	16	26/30	.020	CL2	.245
4004/16	4	16	26/30	.020	CL2	.270

COLOR CODE: Chart C page 50

Standard Put-Ups: 100 ft., 500 ft., 1000 ft.



COMMUNICATION AND CONTROL CABLE

MULTICONDUCTOR
UNSHIELDED
80°C-300V - PVC



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM STYLE 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4
- OSHA Acceptable

DESCRIPTION:
Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride Insulation Clear .001” Mylar Tape Wrap, Gray Polyvinylchloride Jacket Overall.

MULTI-CONDUCTOR 22-AWG (7/30) NOM. INS. THICKNESS .010			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
4102	2	.032	.170
4103	3	.032	.180
4104	4	.032	.195
4106	6	.032	.225
4108	8	.032	.240
4110	10	.032	.270
4115	15	.032	.300
4120	20	.032	.340
4125	25	.032	.375
4130	30	.032	.400
4140	40	.032	.445
4150	50	.032	.485
4160	60	.032	.525

COLOR CODE: Chart F page 51

MULTICONDUCTOR
FOIL SHIELD
60°C-PE/PVC-300V



SPECIFICATIONS:



- UL Listed, NEC Type CM or CL2 (see table), 75°C
- UL AWM Style 2092, 2093, 2094*, 60°C, 300 Volts

DESCRIPTION:
Stranded Tinned Copper Conductors, Color Coded Polyethylene Insulation, Wrapped Aluminum Foil Shield, Tinned Copper Drain Wire, Gray Polyvinylchloride Jacket Overall.

WEICO NO.	NO. OF COND.	CONDUCTOR AWG	CONDUCTOR STRAND	NOM. INS. THICKNESS (INCHES)	NOM. WALL THICKNESS (INCHES)	NOM. O.D. (INCHES)	UL NEC RATING	COND. COLOR CODE
9201	2	24	7/32	.016	.020	.160	CM	1,3
9202	2	22	7/30	.016	.020	.170	CM	1,3
9203	2	22	7/30	.016	.020	.170	CM	1,2
9204	3	22	7/30	.016	.020	.185	CM	1,2,3
9205	4	22	7/30	.016	.020	.210	CM	1,2,3,4
9206	2	20	10/30	.016	.020	.186	CL2	1,3
9207	2	20	10/30	.016	.020	.186	CL2	1,2
9208	3	20	10/30	.016	.020	.205	CL2	1,2,3
9209	4	20	10/30	.016	.020	.225	CL2	1,2,3,4
9210	2	18	16/30	.016	.020	.210	CM	1,3
9211	2	18	16/30	.016	.020	.210	CM	1,2
9212	3	18	16/30	.016	.020	.230	CM	1,2,3
9214	4	18	16/30	.016	.020	.255	CM	1,2,3,4
9215	2	16	26/30	.016	.020	.245	CL2	1,2
9216	3	16	26/30	.016	.020	.270	CL2	1,2,3

*2 Cond.-UL 2092, 3 Cond.-UL 2093, 4 Cond.-UL 2094

COLOR CODE: 1= Black 2= Red 3= Clear 4= Green

MULTICONDUCTOR
FOIL SHIELD
105°C-PP/PVC-200V



DESCRIPTION:

Stranded or Solid Tinned Copper Conductors, Color Coded Polypropylene (PP) Insulation, Aluminum Foil Shield, Tinned Copper Drain Wire, Gray Polyvinylchloride Jacket Overall.

CHARACTERISTICS:
•Temperature Range: -20°C to +105°C
•Voltage Rating: 200 Volts

Insulation Thickness 0.008”					
WEICO NO.	NO. OF COND.	CONDUCTOR AWG	CONDUCTOR STRAND	JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
9217	2	22	Solid	.018	0.120
9218	2	22	7/30	.020	0.130

COLOR CODE: 1= Black 2= Red

Standard Put-Ups: 100 ft., 500 ft., 1000 ft.

INDIVIDUALLY FOIL SHIELDED PAIRS
75°C - POLYPROPYLENE
INSULATED



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- CSA Certified PCC FT-4
- Suggested working voltage - 300 Volts

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polypropylene Insulated, Twisted into Pairs (Black with Red and Green with White). Each Pair Aluminum Foil Shielded with Stranded Tinned Copper Common Drain Wire, Gray Polyvinylchloride Jacket Overall.

#22 – STRANDED (7/30)				
WEICO NO.	NO. OF PAIRS	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
8004	2	4	.020	.165

INDIVIDUALLY FOIL
SHIELDED PAIRS
80°C - PE/PVC



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2919, 80°C, 30 Volts
- CSA Certified PCC FT-1
- Suggested working voltage for non UL applications:
 - 22 AWG - 300 Volts
 - 18 AWG - 400 Volts

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polyethylene Insulation Twisted into Pairs. Each Pair Aluminum Foil Shielded, Stranded Tinned Copper Drain Wire, Gray Polyvinylchloride Jacket Overall.

#22-SOLID NOM. INS. THICKNESS .013"				
WEICO NO.	NO. OF PAIRS	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
8106	3	6	.037	.279
8112	6	12	.037	.379
8118	9	18	.040	.425
8122	11	22	.040	.470
8130	15	30	.045	.525

#22-STRANDED (7/30) NOM. INS. THICKNESS .010"				
8006	3	6	.048	.301
8012	6	12	.048	.401
8018	9	18	.048	.443
8022	11	22	.048	.486
8024	12	24	.048	.486
8030	15	30	.065	.580
8034	17	34	.065	.615
8038	19	38	.065	.625
8054	27	54	.070	.745

#18-STRANDED (16/30) NOM. INS. THICKNESS .016"				
8006/18	3	6	.048	.398
8012/18	6	12	.065	.570
8018/18	9	18	.065	.655
8024/18	12	24	.070	.750
8030/18	15	30	.070	.820

COLOR CODE: Chart B page 50

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

MULTICONDUCTOR
OVERALL FOIL SHIELD
300V-24 GAUGE



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride Insulation, Conductors Twisted, Aluminum Foil Shield, Stranded Tinned Copper Drain Wire, Gray Polyvinylchloride Jacket Overall.

#24-STRANDED (7/32) NOM. INS. THICKNESS .010"				
WEICO NO.	NO. OF CONDUCTORS	COLOR CODE	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
7503	3	D	.035	.168
7504	4	D	.035	.190
7505	5	D	.035	.195
7506	6	D	.035	.215
7507	7	D	.035	.215
7508	8	D	.035	.220
7509	9	D	.035	.250
7510	10	D	.035	.250
7515	15	E	.035	.280
7520	20	E	.035	.320
7525	25	E	.040	.360
7530	30	E	.040	.380
7540	40	E	.040	.430
7550	50	E	.045	.490

COLOR CODE: Charts page 50

MULTIPAIR
OVERALL FOIL SHIELD
300V-24 GAUGE



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride Insulation, Conductors Twisted into Pairs, Aluminum Foil Shielded, Tinned Copper Drain Wire, Gray Polyvinylchloride Jacket Overall.

#24-STRANDED (7/32) NOM. INS. THICKNESS .010"				
WEICO NO.	NO. OF PAIRS	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
7302	1	2	.032	.156
7304	2	4	.032	.222
7306	3	6	.032	.232
7308	4	8	.032	.265
7310	5	10	.035	.295
7312	6	12	.035	.295
7314	7	14	.035	.300
7316	8	16	.035	.330
7318	9	18	.035	.340
7320	10	20	.040	.380
7330	15	30	.040	.425
7338	19	38	.040	.460
7350	25	50	.045	.515
7300*	50	100	.050	.700

COLOR CODE: Chart B page 50

*CONSULT FACTORY FOR COLOR CODE.

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

MULTICONDUCTOR
OVERALL FOIL SHIELD
300V-22 GAUGE



SPECIFICATIONS



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4
- OSHA Acceptable

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride (UL Style 1061) Insulation, Aluminum Foil Shield, Stranded Tinned Copper Drain Wire, Nylon Rip Cord for Ease of Jacket Stripping, Gray Polyvinylchloride Jacket Overall.

22 AWG (7/30) Insulation Thickness .010"			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
7602	2	.032	.180
7603	3	.032	.190
7604	4	.032	.210
7606	6	.032	.230
7608	8	.032	.260
7610	10	.032	.280
7615	15	.032	.320
7620	20	.032	.350
7625	25	.032	.380
7630	30	.032	.410
7640	40	.032	.460
7650	50	.032	.500
7660	60	.032	.540
7670	70	.053	.620
7680	80	.053	.650
7690	90	.053	.690
7600	100	.053	.720

COLOR CODE: Chart F page 51

MULTIPAIR
OVERALL FOIL SHIELD
300V-22 GAUGE



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4
- OSHA Acceptable

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Polyvinylchloride (UL Style 1061) Insulation, Twisted into Pairs, Aluminum Shield, Stranded Tinned Copper Drain Wire, Nylon Rip Cord for Ease of Jacket Stripping, Gray Polyvinylchloride Jacket Overall.

22 AWG (7/30) INSULATION THICKNESS .010"				
WEICO NO.	NO. OF PAIRS	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
7702	1	2	.032	.180
7704	2	4	.032	.230
7706	3	6	.032	.260
7708	4	8	.032	.280
7710	5	10	.032	.310
7712	6	12	.032	.330
7718	9	18	.032	.380
7722	11	22	.032	.410
7730	15	30	.032	.460
7738	19	38	.032	.500
7754	27	54	.053	.610
7701	51	102	.083	.860

COLOR CODE: Chart G page 51



MULTICONDUCTOR
OVERALL FOIL SHIELD
BLUE GUARD JACKET
80°C - 300V



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:

Stranded Tinned Copper Conductors, Color Coded Premium Polyvinylchloride Insulation, Aluminum Foil Shield (100% Coverage), Stranded Tinned Copper Drain Wire Equal in Size to Insulated Conductors, Nylon Rip Cord for Ease of Jacket Stripping, Premium Pale Blue UV Resistant Polyvinylchloride Jacket Overall.

BLUE GUARD:

Weico's Blue Guard Cables are Manufactured Using Proprietary Techniques To Create A Jacket That Is Highly Resistant To The Degrading Effects Of Ultraviolet Radiation. They Resist Cracking, Premature Aging And Discoloration Normally Associated With Exposure To UV Radiation. The Jacket is a Pale Blue For Easy Identification And It Is Also Printed UV Resistant. Blue Guard Is The Ideal Choice For Your UV Applications.

UV RESISTANT

18 AWG (16/30) Stranded Conductors			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
8602/18	2	.032	.230
8603/18	3	.032	.240
8604/18	4	.032	.260
8606/18	6	.032	.310
8608/18	8	.032	.330
8610/18	10	.032	.390
8615/18	15	.032	.450
8620/18	20	.032	.510
8625/18	25	.053	.560

16 AWG (19/29) Stranded Conductors			
8602/16	2	.032	.250
8603/16	3	.032	.270
8604/16	4	.032	.290
8606/16	6	.032	.350
8608/16	8	.032	.380
8610/16	10	.032	.440
8615/16	15	.032	.490
8620/16	20	.053	.590

COLOR CODE: Chart C page 50

MULTICONDUCTOR
SPIRAL SHIELD
80°C-300V-PVC



SPECIFICATIONS:



- UL Listed, NEC Type CM or CL2 (see table), 75°C
- UL AWM Style 2095, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:

Each Conductor Stranded or Solid Tinned Copper, Color Coded Polyvinylchloride Insulation, Spiral Wrapped Bare Copper Shield 95% Shield Coverage. Nom. .020” Gray Polyvinylchloride Jacket Overall.

COLOR CODE: 1 = Black 3 = White 5 = Yellow
2 = Red 4 = Green 6 = Blue

WEICO NO.	NO. OF COND.	CONDUCTOR AWG	STRAND	NOM. INS. THICKNESS (INCHES)	UL NEC RATING	NOM.O.D. (INCHES)
9301	2	22	Solid	.016	CM	.170
9302	1	22	7/30	.016	*	.115
9303	2	22	7/30	.016	CM	.175
9304	3	22	7/30	.016	CM	.190
9305	4	22	7/30	.016	CM	.200
9306	6	22	7/30	.016	CM	.235
9307	1	20	10/30	.016	*	.130
9308	2	20	10/30	.016	CL2	.195
9309	3	20	10/30	.016	CL2	.210
9310	4	20	10/30	.016	CL2	.225
9311	6	20	10/30	.016	CL2	.265
9312	1	18	16/30	.016	*	.135
9314	2	18	16/30	.016	CM	.230
9315	3	18	16/30	.016	CM	.235
9316	4	18	16/30	.016	CM	.245
9317	2	16	26/30	.016	CL2	.240
9318	3	16	26/30	.016	CL2	.245
9319	2	14	41/30	.020	CL2	.285
9320	3	14	41/30	.020	CL2	.290

* Single Conductor Cables UL AWM Style 1108, 80°C, 300V, VW-1.

MULTICONDUCTOR
BRAIDED SHIELD
105°C-PVC/NYLON-600V
MIL-W-16878
TYPE BN



DESCRIPTION:

Each Conductor Stranded Tinned Copper, .010” Polyvinylchloride Insulation, Color Coded, Clear Nylon (Polyamide) Jacket, Conductors Cabled, Braided Tinned Copper Shield 90% Coverage, Gray Polyvinylchloride Jacket Overall.

CHARACTERISTICS:

- Temperature Rating: -55°C to +105°C
- Voltage Rating: 600 Volts

COLOR CODE: 1 = White 2 = Black
3 = Red 4 = Green

MIL-W-16878 TYPE BN CONDUCTORS NOMINAL INS. THICKNESS-.010”-NOMINAL NYLON THICKNESS .003”					
WEICO NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. JKT. THICKNESS (INCHES)	NOM.O.D. (INCHES)
6126	1	26	7/34	.010	.087
6226	2	26	7/34	.014	.138
6326	3	26	7/34	.014	.142
6426	4	26	7/34	.016	.162
6124	1	24	19/36	.010	.092
6224	2	24	19/36	.016	.152
6324	3	24	19/36	.016	.161
6424	4	24	19/36	.017	.172
6122	1	22	19/34	.010	.100
6222	2	22	19/34	.016	.168
6322	3	22	19/34	.017	.178
6422	4	22	19/34	.019	.194
6120	1	20	19/32	.010	.106
6220	2	20	19/32	.019	.186
6320	3	20	19/32	.019	.196
6420	4	20	19/32	.021	.218
6118	1	18	19/30	.012	.120
6218	2	18	19/30	.021	.210
6318	3	18	19/30	.022	.227
6418	4	18	19/30	.023	.250
6116	1	16	19/29	.016	.137
6216	2	16	19/29	.023	.236
6316	3	16	19/29	.023	.240
6416	4	16	19/29	.025	.274

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

MULTICONDUCTOR
BRAIDED SHIELD
80°C-PE/PVC-600V



DESCRIPTION:

Each Conductor Stranded Tinned Copper, Color Coded Polyethylene Insulation, Cabled with Fillers Where Necessary, Mylar Wrap, Braided Tinned Copper Shield, Gray Polyvinylchloride Jacket Overall.

CHARACTERISTICS:

- Temperature Range: -20°C to +80°C
- Suggested Working Voltage: 600 Volts

20 AWG-26/34 STRANDED CONDUCTOR-NOMINAL INS. THICKNESS .015”			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM.O.D. (INCHES)
9401	2	.030	.245
9402	3	.035	.250
9403	4	.035	.260
9404	5	.035	.275
9405	6	.035	.300
9406	8	.035	.330
9407	10	.035	.375
9408	12	.035	.380
9409	15	.035	.410
9410	20	.035	.455

COLOR CODE: Chart A page 50

MULTICONDUCTOR
BRAIDED SHIELD
80°C-300V



SPECIFICATIONS:



- UL Listed, NEC Type CM or CL2 (see table), 75°C
- UL AWM Style 2095, 80°C, 300 Volts
- CSA Certified PCC FT-4

DESCRIPTION:

Each Conductor Stranded Tinned Copper, Color Coded Polyvinylchloride Insulated, Tinned Copper Braided Shield, Gray Polyvinylchloride Jacket Overall.

INSULATION THICKNESS .016”					
WEICO NO.	NO. OF CONDUCTORS	CONDUCTOR AWG	STRAND	NOM. JACKET THICKNESS (INCHES)	UL NEC RATING NOM.O.D. (INCHES)
9450	1	22	7/30	.020	* .120
9451	2	22	7/30	.020	CM .180
9452	3	22	7/30	.020	CM .200
9453	4	22	7/30	.020	CM .210
9454	1	20	10/30	.020	* .130
9455	2	20	10/30	.020	CL2 .200
9456	3	20	10/30	.020	CL2 .220
9457	4	20	10/30	.020	CL2 .230
9458	1	18	16/30	.020	* .140
9459	2	18	16/30	.020	CM .230
9460	3	18	16/30	.020	CM .240
9461	4	18	16/30	.020	CM .250
9462	2	16	26/30	.020	CL2 .250
9463	3	16	26/30	.020	CL2 .250

COLOR CODE: Chart C page 50

* Single Conductor Cables UL AWM Style 1108, 80° C, 300V, VW-1.

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

MAGNA

Shield

MULTICONDUCTOR

MAGNASHIELD

80°C-300V



SPECIFICATIONS:



- UL Listed, NEC Type CM, 75°C
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4
- OSHA Acceptable
- Meets FCC Docket 20780
- MIL-STD 461 and 462B and Tempest.

DESCRIPTION:

Each Conductor Stranded Tinned Copper, Color Coded Polyvinylchloride Insulation, MAGNASHIELD (Aluminum Foil/ Polyester/ Aluminum Foil with Drain Wire and Tinned Copper Braid) Nylon Rip Cord for Ease of Jacket Stripping, Gray Polyvinylchloride Jacket Overall.

COLOR CODE: 22 AWG - Chart F page 51
18 & 16 AWG - Chart C page 50

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM.O.D. (INCHES)
#24 STRANDED (7/32) NOM. INS. THICKNESS .010"			
9103/24	3	.032	.190
9104/24	4	.032	.200
9105/24	5	.032	.215
9106/24	6	.032	.225
9107/24	7	.032	.225
9108/24	8	.032	.240
9109/24	9	.032	.253
9110/24	10	.053	.270
9115/24	15	.032	.300
9125/24	25	.032	.370
9137/24	37	.032	.411
9150/24	50	.053	.485
#22 STRANDED (7/30) NOM. INS. THICKNESS .010"			
9102	2	.032	.190
9103	3	.032	.200
9104	4	.032	.215
9106	6	.032	.245
9108	8	.032	.255
9110	10	.032	.290
9115	15	.032	.330
9120	20	.032	.360
9125	25	.032	.400
9130	30	.032	.420
9140	40	.032	.465
9150	50	.032	.510
9160	60	.032	.560
9170	70	.050	.635
9180	80	.050	.660
9190	90	.050	.690
9100	100	.050	.745
#18 STRANDED (16/30) NOM. INS. THICKNESS .017"			
9102/18	2	.032	.250
9103/18	3	.032	.280
9104/18	4	.032	.310
9106/18	6	.032	.350
9108/18	8	.032	.380
9110/18	10	.032	.410
9115/18	15	.032	.480
9120/18	20	.032	.530
9125/18	25	.053	.620
#16 STRANDED (19/29) NOM. INS. THICKNESS .017"			
9102/16	2	.032	.280
9103/16	3	.032	.320
9104/16	4	.032	.340
9106/16	6	.032	.390
9108/16	8	.032	.430
9110/16	10	.032	.470
9115/16	15	.032	.550
9120/16	20	.053	.650
9125/16	25	.053	.710

MAGNA

Shield

THE MINIATURE SERIES

MULTICONDUCTOR

MAGNASHIELD

80°C-300V



SPECIFICATIONS:



- UL Listed, NEC Type CL-2, 75°C, 150 Volts
- UL AWM Style 2464, 80°C, 300 Volts
- CSA Certified PCC FT-4
- Meets FCC Docket 20780
- MIL-STD 461 and MIL STD 462B and Tempest.

DESCRIPTION:

Each Conductor Stranded Tinned Copper, Color Coded Semi-Rigid Polyvinylchloride Insulation, MAGNASHIELD (Aluminum Foil/Polyester/Aluminum Foil with Drain Wire and Tinned Copper Braid), Gray Polyvinylchloride Jacket Overall.

MULTIPAIR DUAL SHIELD

LOW CAPACITANCE

60°C-30V



SPECIFICATIONS:



- UL Listed, NEC Type CL-2
- UL AWM Style 2960, 60°C, 30 Volts
- CSA Certified PCC FT-1
- Nominal Capacitance Between Conductors: 15.5pF/ft.

DESCRIPTION:

Each Conductor Stranded Tinned Copper, Color Coded Polyethylene Insulation, Conductors Twisted into Pairs, Aluminum Foil Shield with Drain Wire, Overall Tinned Copper Braid Shield, 90% minimum coverage, Gray Polyvinylchloride Jacket Overall.

#28 STRANDED (7/36) NOM. INS. THICKNESS .010"			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM. O.D. (INCHES)
9103/28*	3	.035	.16
9104/28	4	.035	.17
9105/28	5	.035	.18
9106/28	6	.035	.19
9107/28	7	.035	.19
9108/28	8	.035	.21
9109/28	9	.035	.22
9110/28	10	.035	.23
9115/28	15	.035	.26
9125/28	25	.035	.30
9137/28	37	.035	.34
9150/28	50	.035	.40

* AWM only. COLOR CODE: Chart C page 50

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

#28 STRANDED (7/36) NOM. INS. THICKNESS .009"			
WEICO NO.	NO. OF PAIRS	NOM. JACKET THICKNESS (INCHES)	NOM.O.D. (INCHES)
8702	2	.035	.214
8703	3	.035	.222
8704	4	.035	.237
8705	5	.035	.240
8707	7	.035	.256
8709	9	.035	.290
8712	12	.035	.319
8713	13	.035	.336
8718	18	.035	.365
8725	25	.035	.429
8731	31	.040	.462

COLOR CODE: Chart B page 50

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

BRAIDED SHIELD
* “TEFLON” (TFE)
TAPE WRAPPED JACKET
200°C-600V
MIL-W-16878/4
TYPE E



DESCRIPTION:
Each Conductor Stranded Silver Plated Copper, Type E Extruded .010” TFE “Teflon”* Insulation, Color Coded, Cabled, Braided Silver Plated Copper Shield 90% Coverage, Sintered Wrapped White Teflon Tape.

CHARACTERISTICS:

- Temperature Rating: -65°C to +200°C
- Voltage Rating: 600 Volts

COLOR CODE: 1 = White 2 = Black 3 = Red 4 = Green

** DuPont’s Registered Trademark*

WEICO NO.	NO. OF COND.	CONDUCTOR SIZE	STRAND	NOM. JKT. (INCHES)	NOM. O.D. AT HIGH POINT (INCHES)	NOM. SHIELD TO COND.	NOM. CAP IN MMF TO COND.
5128/7	1	28	7/36	.010	.079	35	–
5228/7	2	28	7/36	.010	.121	32	18
5126/7	1	26	7/34	.010	.083	40	–
5226/7	2	26	7/34	.010	.129	36	20
5326/7	3	26	7/34	.010	.129	33	19
5126	1	26	19/38	.010	.083	40	–
5226	2	26	19/38	.010	.129	36	20
5326	3	26	19/38	.010	.129	33	19
5426	4	26	19/38	.010	.146	32	18
5124	1	24	19/36	.012	.095	45	–
5224	2	24	19/36	.012	.140	35	25
5324	3	24	19/36	.012	.147	35	20
5424	4	24	19/36	.012	.159	35	20
5122	1	22	19/34	.012	.102	55	–
5222	2	22	19/34	.012	.154	45	25
5322	3	22	19/34	.012	.162	35	25
5422	4	22	19/34	.012	.176	35	25
5120	1	20	19/32	.012	.110	55	–
5220	2	20	19/32	.012	.170	95	25
5320	3	20	19/32	.012	.180	85	25
5420	4	20	19/32	.012	.195	140	30
5118	1	18	19/30	.012	.120	70	–
5218	2	18	19/30	.012	.190	60	35
5318	3	18	19/30	.012	.203	60	35
5418	4	18	19/30	.012	.220	55	35
5116	1	16	19/29	.012	.130	107	–
5216	2	16	19/29	.012	.210	67	25
5316	3	16	19/29	.012	.211	56	30
5416	4	16	19/29	.012	.243	54	29
5114	1	14	19/27	.012	.144	84	–
5214	2	14	19/27	.012	.239	61	34
5314	3	14	19/27	.012	.227	56	31
5112	1	12	19/25	.012	.164	96	–
5212	2	12	19/25	.012	.279	72	40
5312	3	12	19/25	.012	.265	61	34
5412	4	12	19/25	.012	.302	–	–
5110	1	10	37/26	.012	.185	–	–
5210	2	10	37/26	.012	.329	–	–
5310	3	10	37/26	.012	.357	–	–
5410	4	10	37/26	.012	.393	–	–

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

MIL-C-27500
AEROSPACE
ELECTRONIC CABLE
TYPE RC (MIL-W-22759/11) 06



APPLICATIONS:
For general aerospace flight vehicle applications. These cables use M22759/11 insulated conductors in their construction. QPL to Mil-W-22759/11 is required on the insulated conductors in these cables.

SPECIFICATIONS:
Conductor: Stranded silver plated copper wire.

Insulation: Extruded polytetrafluoroethylene (“Teflon”*) PTFE) in accordance with Mil-W-22759/11.

Cable: Up to seven conductors available in cable configuration.

Shield: Silver plated copper wire braid, 85% minimum coverage, #38 AWG on core diameters less than 0.060”, #36 AWG on 0.060” and larger.

Jacket: Taped and fused white polytetrafluoroethylene (PTFE).

Voltage Rating: 600V RMS

Temperature Rating: -55°C to + 200°C

Identification: Marker tape under the shield with cable code and manufacturer’s I.D. except single conductor where identification is printed on the conductor insulation.

WEICO NO.	MILITARY NO.	NO. OF COND.	AWG SIZE	STRANDS	INSUL O.D.	APPROX. CABLE O.D.	APPROX. WGT. LBS/1000’
55126	M27500-26RC1S06	1	26	19/38	.038	.081	7.0
55226	M27500-26RC2S06	2	26	19/38	.038	.118	13.5
55326	M27500-26RC3S06	3	26	19/38	.038	.125	16.8
55426	M27500-26RC4S06	4	26	19/38	.038	.135	19.9
55124	M27500-24RC1S06	1	24	19/36	.043	.083	8.2
55224	M27500-24RC2S06	2	24	19/36	.043	.135	15.9
55324	M27500-24RC3S06	3	24	19/36	.043	.140	20.2
55424	M27500-24RC4S06	4	24	19/36	.043	.150	23.8
55122	M27500-22RC1S06	1	22	19/34	.049	.090	9.6
55222	M27500-22RC2S06	2	22	19/34	.049	.145	19.3
55322	M27500-22RC3S06	3	22	19/34	.049	.150	24.9
55422	M27500-22RC4S06	4	22	19/34	.049	.162	29.8
55120	M27500-20RC1S06	1	20	19/32	.058	.098	12.3
55220	M27500-20RC2S06	2	20	19/32	.058	.165	24.5
55320	M27500-20RC3S06	3	20	19/32	.058	.170	32.5
55420	M27500-20RC4S06	4	20	19/32	.058	.190	52.5
55118	M27500-18RC1S06	1	18	19/30	.068	.115	17.5
55218	M27500-18RC2S06	2	18	19/30	.068	.185	31.7
55318	M27500-18RC3S06	3	18	19/30	.068	.195	42.5
55418	M27500-18RC4S06	4	18	19/30	.068	.215	62.8
55116	M27500-16RC1S06	1	16	19/29	.075	.125	20.5
55216	M27500-16RC2S06	2	16	19/29	.075	.200	37.5
55316	M27500-16RC3S06	3	16	19/29	.075	.205	50.5
55416	M27500-16RC4S06	4	16	19/29	.075	.230	66.0
55114	M27500-14RC1S06	1	14	19/27	.090	.140	27.5
55214	M27500-14RC2S06	2	14	19/27	.090	.230	51.2
55314	M27500-14RC3S06	3	14	19/27	.090	.240	70.3
55414	M27500-14RC4S06	4	14	19/27	.090	.265	88.5
55112	M27500-12RC1S06	1	12	19/25	.111	.160	39.0
55212	M27500-12RC2S06	2	12	19/25	.111	.270	74.0
55312	M27500-12RC3S06	3	12	19/25	.111	.285	105.0
55412	M27500-12RC4S06	4	12	19/25	.111	.315	131.0

**DuPont’s Registered Trademark*

COLOR CODE: 1 = White 2 = White/Blue 3 = White/Orange 4 = White/Green

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.



COAXIAL CABLE

MIL-C-17
COAXIAL CABLE
(POLY-ETHYLENE DIELECTRIC)



MECHANICAL SPECIFICATIONS									ELECTRICAL SPECIFICATIONS			
WEICO NO.	RG CABLE TYPE	JKT. O.D.	JKT. MAT	OUTER SHIELD	INNER SHIELD	DIELEC-TRIC O.D.	DIELEC-TRIC MAT.	CENTER COND.	NOM IMPED. (OHMS)	NOM CAP. MMFD/FT.	MAX OPERATING VOLT (RMS)	V.P. O/O
W006A	6A/U	.336	NCV	C	SC	.189	PE	21 CW SOLID	75	20.0	2700	65.9
W008	8/U	.415	V	–	C	.289	PE	13 C 7/21	52	29.5	5000	65.9
W008A	8A/U	.415	NCV	–	C	.295	PE	13 C 7/21	52	29.5	5000	65.9
WL08	8/U	.405	V	TC	ALUM. FOIL	.286	SSP	10 C SOLID	50	24.6	1000	84.0
W011	11/U	.415	V	–	C	.295	PE	18 TC 7/26	75	20.5	5000	65.9
W011A	11A/U	.412	NCV	–	C	.292	PE	18 TC 7/26	75	20.5	5000	65.9
W055B	55B/U	.206	PE	TC	TC	.116	NP	20 SC SOLID	53.5	28.8	1900	66.0
W058	58/U	.200	V	–	TC	.121	PE	20 C SOLID	53.5	28.5	1900	65.9
8918	58/U TYPE	.195	V	–	TC	.116	FPE	20 C SOLID	50	26.0	LOW VOLTAGE APPLICATION	78.0
W058A	58A/U	.199	V	–	TC	.120	PE	20 C 19/33	50	29.5	1900	65.9
W058C	58C/U	.199	NCV	–	TC	.120	PE	20 TC 19/33	50	29.5	1900	65.9
W058Q	58C/U	.195	NCV	–	TC	.116	PE	20 TC 19/33	50	30.8	1900	66.0
M17/28-RG058												
W059	59/U	.250	V	–	C	.150	PE	22 CW SOLID	73	21.0	2300	65.9
W059B	59B/U	.246	NCV	–	C	.150	PE	23 CW SOLID	75	20.5	2300	65.9
W059BD	59B/U	.242X .504	NCV	–	C	.146	PE	23 CW SOLID	75	20.1	2300	66.0
DUAL												
W059F	59/U	.242	V	–	C	.146	FPE	22 C 7/30	75	17.3	1500	78.0
TYPE												
W062	62/U	.250	V	–	C	.151	SSP	22 CW SOLID	93	13.5	750	84.0
W062A	62A/U	.249	NCV	–	C	.151	SSP	22 CW SOLID	93	13.5	750	84.0
W062B	62B/U	.242	NCV	–	C	.146	SSP	24 CW 7/32	93	13.5	750	84.0
W063B	63B/U	.415	NCV	–	C	.295	SSP	22 CW SOLID	125	10.0	1000	84.0
W108A	108A/U	.235	NCV	–	TC	.158	PE	20 1 COND TC 7/28 20 1 COND C 7/28	78	19.7	1000	66.0
W174	174/U	.105	NCV	–	TC	.060	PE	26 CW 7/34	50	30.0	1500	65.9
W174A	174A/U	.110	NCV	–	TC	.060	PE	26 CW 7/34	50	30.8	1500	66.0
W213	213/U	.412	NCV	–	C	.292	PE	.0888 C 7/.0296	50	30.5	5000	65.9
W214	214/U	.432	NCV	SC	SC	.292	PE	.0888 SC 7/.0296	50	30.5	5000	65.9
W217	217/U	.555	NCV	C	C	.380	PE	10 C SOLID	50	30.0	7000	65.9
W218	218/U	.880	NCV	–	C	.690	PE	195 C SOLID	50	30.0	11000	65.9
W223	223/U	.216	NCV	SC	SC	.120	PE	19 SC SOLID	50	30.0	1900	65.9
W701	TWINAX	.330	V	–	TC	.228	PE	20 1 COND TC 7/28 20 1 COND C 7/28	100	15.5	LOW VOLTAGE APPLICATION	66.0
W702	–	.150	V	–	TC	.100	PE	27 CW 7/35	75	20.5	2500	66.0
W703	–	.305	PE	TC	TC	.198	PE	20 C SOLID	75	21.0	2700	66.0
8922	TWINAX	.244	V	–	TC	.158	PE	20 1 COND TC 7/28 20 1 COND C 7/28	78	19.7	LOW VOLTAGE APPLICATION	66.0
8929	ETHERNET*	.405	V	ALUM FOIL TC BRAID	ALUM FOIL TC BRAID	.247	FPE	12 C SOLID	50	26.0	300	78.0

*XEROX TRADEMARK

C - Bare Copper
TC - Tinned Copper
SC - Silver Covered Copper
CW - Copper Covered Steel

FPE - Cellular Polyethylene
FEP - Fluorinated Ethylene Propylene Type IX
PTFE - Polytetrafluoroethylene
FG - Braid V -Fiberglass, Impregnated Type V Per MIL-C-17
PFA - Perfluoroalkoxy

PE - Solid Polyethylene
SSP - Semi Solid Polyethylene
BP - Black Polyethylene-Type IIIA
NP - Natural Polyethylene-Type III

V - Polyvinylchloride - Type 1
NCV - Non-Contaminating Polyvinylchloride - Type IIA

All Dimensions Are Max.
Except Where Indicated

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.



COAXIAL CABLE,
PLENUM COAXIAL CABLE

MIL-C-17
COAXIAL CABLE
(“TEFLON”** DIELECTRIC)



WEICO NO.	MILITARY NO.	RG TYPE	COND.	NOM. WALL THICK	NOM. JKT. THICK	JACKET TYPE	MAX. O.D.	NOM. CAP.	IMPED. OHMS.	MAX. OPER. VOLTAGE
W142B	M17/60RG142	142B/U	1/.039	.039	.012	Extruded FEP	.200	28.5	50±2	1900
W178B	M17/93RG178	178B/U	7/.004	.012	.010	Extruded FEP	.075	27.9	50±2	1000
W179B	M17/94RG179	179B/U	7/.004	.021	.010	Extruded FEP	.105	20.4	75±3	1200
W180B	M17/95RG180	180B/U	7/.004	.045	.010	Extruded FEP	.145	15.3	93±2	850
W187A	PER MIL-C-17D	187A/U	7/.004	.024	.012	Fused TFE Tape	.110	19.5	75±3	1200
W188A	PER MIL-C-17D	188A/U	7/.0067	.020	.012	Fused TFE Tape	.110	27.5	50±2	1200
W195A	PER MIL-C-17D	195A/U	7/.004	.045	.014	Fused TFE Tape	.155	14.5	95±3	1500
W196A	PER MIL-C-17D	196A/U	7/.004	.011	.012	Fused TFE Tape	.080	28.5	50±2	1000
W225	PER MIL-C-17D	225/U	7/.0312	.096	.035	FG-Braid-V	.430	29.4	50±2	5000
W302	M17/110RG302	302/U	1/.025	.061	.013	Extruded FEP	.207	19.5	75±2	2300
W316	M17/113RG316	316/U	7/.0067	.020	.007	Extruded FEP	.102	29.0	50±2	1200
W393	M 17/127RG393	393/U	7/.0312	.096	.015	Extruded FEP	.390	29.4	50±2	5000
W400	M17/128RG400	400/U	19/.008	.039	.012	Extruded FEP	.195	29.3	50±2	1900
W704	M17/176-00002	–	2 Cond. 19/.005	.010	.012	PFA	.129	24.0	77±2	750

COAXIAL-CL2P
(NEC-725-2b)



DESCRIPTION:

Fluoropolymer Coaxial Cables are made to the most exacting specifications in the wire and cable Industry. WEICO’S designs and standards allow for dramatic improvements in critical data communications electrical characteristics such as: signal speed, attenuation, and capacitance.

CHARACTERISTICS

- High Transmission Speed
- Allows Longer Cable Lengths In Computer Systems
- Can Be Installed In Air Ducts And Plenums Without Conduit
- UL Listed
- Temp. Range: -90°C to +200°C

WEICO NO.	RG TYPE	CENTER COND.	NOM. O.D. IN.	WEIGHT LBS/MFT	NOM. IMP. (OHM)	NOM. CAP. (PF/FT)	V.P. %
WP06	6	18 SOLID BC	.255	55.9	75	17	80
WP11	11	14 SOLID BC	.350	95	75	17	80
WP58	58	20 SOLID BC	.178	38.5	50	27	70
WP59	59	20 SOLID BCW	.196	31.05	75	17	80
WP60	59	22 SOLID BCW	.189	35.6	75	19	80
WP59D	59 DUAL	20 SOLID BCW	.206 x .457	70.5	75	17	80
WP60D	59 DUAL	23 SOLID BCW	.225 x .430	86	75	19	70
WP62	62	22 SOLID BCW	.198	29.9	93	13	83
WP01	TWINAX	20-7-B.C. 20-7-T.C.	.264	55.60	100	12	80
WP02	ETHERNET*	SOLID .085 T.C.	.375	128	50	26	80

* XEROX TRADEMARK
** DuPont’s Registered Trademark.

PLENUM CABLE, WELDING CABLE

FIRE ALARM-FPLP
(NEC- 760-4d)-SHIELDED



DESCRIPTION:
Each Conductor Solid Tinned Copper,
Color Coded Fluoropolymer Resin
Insulated, Twisted Pair, Overall
Aluminum Foil Shield (100coverage)
Drain Wire, Fluoropolymer Jacket
Overall.



WEICO NO.	NUMBER OF CONDUCTORS	GAUGE (AWG)	NOM. O.D. (INCHES)	WEIGHT LBS/MFT
9869	2	18	.200	34.5
9870	2	16	.220	42.0

FIRE ALARM-FPLP
LOCAL LAW-5
CLASS E-SHIELDED



WEICO NO.	NUMBER OF CONDUCTORS	GAUGE (AWG)	NOM. O.O. (INCHES)	WEIGHT LBS/MFT
9871	2	18	.200	31.2
9872	2	16	.220	41.2

DESCRIPTION:
Each Conductor Solid Tinned Copper,
Color Coded Fluoropolymer Resin
Insulated, Twisted Pair, Overall
Aluminum Foil Shield (100% coverage)
Drain Wire, Fluoropolymer Jacket
Overall.

WELDING CABLE

NEOPRENE



DESCRIPTION:
• Stranded Bare Copper Conductor
• Black Neoprene Jacket
• Temperature Range: -30°C to +90°C

WEICO NO.	CONDUCTOR AWG.	STRAND	NOM. OVERALL DIAMETER (INCHES)	CURRENT CARRYING CAPACITY (AMPS)	APPROX. NET. WT. LBS./M.FT.
1006	6	266/30	.39	75	134
1004	4	420/30	.42	100	187
1003	3	532/30	.45	150	233
1002	2	665/30	.55	200	299
1001	1	833/30	.60	250	365
1010	1/0	1057/30	.66	300	457
1020	2/0	1317/30	.73	375	555
1030	3/0	1622/30	.80	450	698
1040	4/0	2109/30	.87	550	871

BRAID, TINNED COPPER

FLAT BRAID QQ-B-575 F ASTM-B-33



WEICO NO.	MILITARY NO.	NOM. FLAT WIDTH	NOM. THICKNESS	BRAID CONSTRUCTION		TOTAL NO. OF INDIV. ENDS	APPROX. AWG. EQUIV.	NOM. CIRCULAR MILLS	*CURRENT CARRYING CAP. (Amps)
				AWG.OF INDIV. ENDS	CARRIERS				
BF-.025	—	.025”	.015”	36	8	8	27	200	4.0
BF-1/32	—	1/32”	.020”	36	16	16	24	400	6.0
BF-3/64	QQB575F36T0031	3/64”	.020”	36	24	24	22	600	7.0
BF-3/32	—	3/32”	.020”	36	16	48	19	1200	11.0
BF-1/8	QQB575F36T078	1/8”	.020”	36	24	72	18	1800	16.0
BF-3/16	QQB575F36T0125	3/16”	.020”	36	24	120	15	3000	25.0
BF-1/4	QQB575F36T0171	1/4”	.030”	36	24	168	14	4200	32.0
BF-3/8	—	3/8”	.030”	36	48	288	12	7200	46.0
BF-1/2	—	1/2”	.030”	36	48	384	10	9600	53.0
BF-3/8	QQB575F36T375	5/8”	.030”	36	48	384	10	9600	53.0
BF-3/4	QQB575F36T781	3/4”	.040”	36	48	864	7	20800	88.0
BF-1	—	1”	.045”	36	48	864	7	20800	88.0
BF-1 3/8	QQB575F30T875	13/8”	.050”	30	48	336	5	33700	100.0
BF-1 1/2	QQB575F30T1375	11/2”	.060”	30	48	528	3	53064	150.0
BF-1 3/4	—	13/4”	.080”	30	48	1248	2/0	125424	280.0
BF-2	—	2”	.120”	30	48	1436	3/0	154368	310.0

DESCRIPTION:
Tinned Copper Strands Woven And Rolled
Flat At Time of Manufacture To Specific
Width Depending on Construction

APPLICATION:
Used For Bonding, Straps, Grounding or
Connecting Moving Parts. Recommended
For High Current.

TUBULAR BRAID QQ-B-575 R ASTM-B-33



WEICO NO.	MILITARY NO.	NOM. I.D. WHEN ROUNDED	AWG.OF INDIV. ENDS	BRAID CONSTRUCTION		TOTAL NO. OF INDIV. ENDS	APPROX. AWG. EQUIV.	NOM. CIRCULAR MILLS	*CURRENT CARRYING CAP. (Amps)
				AWG.OF INDIV. ENDS	CARRIERS				
BT-1/32	QQB575R36T031	1/32”	36		24	24	22	600	7.0
BT-1/16	QQB575R36T062	1/16”	36		24	48	19	1200	11.0
BT-5/64	QQB575R36T078	5/64”	36		24	72	18	1800	16.0
BT-7/64	QQB575R36T109	7/64”	36		24	96	16	2400	19.0
BT-1/8	QQB575R36T125	1/8”	36		24	120	15	3000	25.5
BT-5/32	QQB575R36T156	5/32”	36		24	240	12	6000	40.0
BT-11/64	QQB575R36T171	11/64”	36		24	168	14	4200	32.0
BT-13/64	QQB575R34T203	13/64”	34		24	192	11	7630	46.0
BT-1/4	QQB575R36T250	1/4”	36		24	384	10	9600	53.0
BT-9/32	QQB575R30T281	9/32”	30		24	120	9	12060	60.0
BT-3/8	QQB575R36T375	3/8”	36		48	384	10	9600	53.0
BT-7/16	QQB575R30T437	7/16”	30		24	240	6	24120	90.0
BT-1/2	QQB575R36T500	1/2”	36		48	528	9	13200	62.0
BT-9/16	QQB575R30T562	9/16”	30		48	480	3	48240	145.0
BT-21/32	QQB575R30T656	21/32”	30		48	768	1	77180	190.0
BT-25/32	QQB575R36T781	25/32”	36		48	864	7	21600	88.0
BT-1	QQB575R30T1000	1”	30		48	384	4	38600	120.0

DESCRIPTION:
Tinned Copper Braid Woven
in Completely Round
Configuration as Outlined in
SPEC QQ-B-575.

APPLICATION:
Used As Both Shielding and Protective Covering.
Shielding is 95% Or More When Placed Over
Equivalent Diameter Mandrel To The Inside
Diameter of Tubular Braid .

STANDARD PUT-UPS: 100 FT., 500 FT., 1000 FT.

** Values shown are for bare cable in free air at 30°C (86°F) and intended as a reference guide only. Actual values will depend on permissible temperature rise. Permissible voltage drop and other conditions of service.*



BUS BAR

SOFT DRAWN BUS
MIL-W-3861 TYPE S
QQ-W-343 TYPE S
ASTM-B-33



DESCRIPTION:
Electrolytic, Soft Drawn and Annealed, Solid Tin-Plated, Silver-Plated or Bare Copper.

APPLICATION:
Point to Point Wiring, Component Leads and Ground Wire

Standard Put-Ups: 100 ft., 1000 ft.

WEICO NO. (TINNED)	WEICO NO. (SILVER)	WEICO NO. (BARE)	COND. SIZE (AWG)	NOMINAL CIRCULAR MIL AREA	NOM. O.D. (INCHES)
9030	30SC	30BC	30	100.5	.010
9028	28SC	28BC	28	159.8	.013
9026	26SC	26BC	26	254.1	.016
9024	24SC	24BC	24	404.0	.020
9022	22SC	22BC	22	642.4	.025
9020	20SC	20BC	20	1022.0	.033
9018	18SC	18BC	18	1642.0	.040
9016	16SC	16BC	16	2583.0	.051
9014	14SC	14BC	14	4107.0	.065
9012	12SC	12BC	12	6530.0	.082
9010	10SC	10BC	10	10380.0	.103
9008	08SC	08BC	8	16510.0	.129

HARD DRAWN BUS
MIL-W-3861 TYPE S



DESCRIPTION:
Electrolytic, Hard Drawn Copper Electroplated, Straightened and Cut to 2 Ft. Lengths.

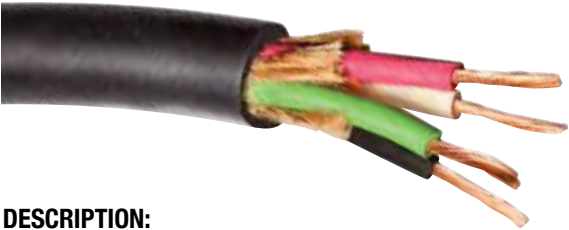
APPLICATION:
For Hooking Up All Types of Transmitters, Especially Ultra Shortwave Equipment Connecting Common Connector Terminals.

WEICO NO.	CONDUCTOR SIZE (AWG)	NOMINAL CIRCULAR MIL AREA	NOMINAL O.D. (INCHES)
W2424	24	404.0	.020
W2222	22	642.4	.025
W2020	20	1022.0	.033
W1818	18	1642.0	.040
W1616	16	2583.0	.051
W1414	14	4107.0	.065
W1212	12	6530.0	.082
W1010	10	10380.0	.103

Standard Put-Ups: 100 Pcs., 2 Ft. Each, Per Package

COMMUNICATION AND CONTROL CABLE

NEOPRENE JACKET
(MULTI-SO)



DESCRIPTION:
Each Conductor Stranded Bare Copper, Color Coded Rubber Insulation, Cabled with Fillers where Necessary, Wrap Over Conductors, Heavy Black Neoprene Jacket Overall.

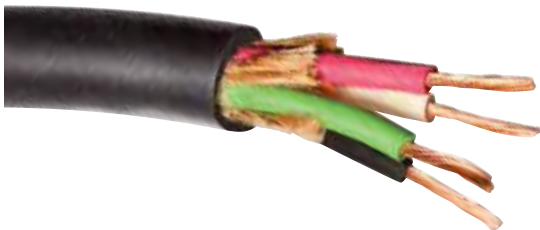
CHARACTERISTICS:
• Temperature Range: -30°C to +90°C
• Voltage Rating: 600 Volts

18 16/30-STRANDED BARE COPPER-2/64” INSULATION THICKNESS			
WEICO NO.	NO. OF CONDUCTORS	NOMINAL JKT. THICKNESS (INCHES)	NOMINAL O.D. (INCHES)
NO-518	5	.078	.485
NO-618	6	.078	.510
NO-818	8	.078	.560
NO-918	9	.078	.595
NO-1018	10	.078	.620
16 26/30-STRANDED BARE COPPER-2/64” INSULATION THICKNESS			
NO-516	5	.078	.520
NO-616	6	.078	.540
NO-716	7	.078	.540
NO-816	8	.078	.580
NO-1016	10	.094	.720
NO-1216	12	.094	.745
NO-1416	14	.094	.765
NO-1616	16	.094	.810
NO-2016	20	.094	.890
NO-2216	22	.094	.920
NO-2416	24	.109	1.000
NO-2616	26	.109	1.030
NO-3016	30	.109	1.080



COMMUNICATION AND CONTROL CABLE

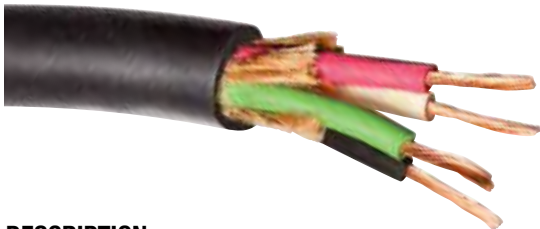
CONTROL CABLE,
(MULTI-SO)



COLOR CODE: Per IPCEA

14 41/30-STRANDED BARE COPPER-3/64” INSULATION THICKNESS			
WEICO NO.	NO. OF CONDUCTORS	NOM. JACKET THICKNESS (INCHES)	NOM.O.D. (INCHES)
NO-514	5	.095	.675
NO-614	6	.094	.705
NO-714	7	.094	.710
NO-814	8	.094	.760
NO-914	9	.094	.810
NO-1014	10	.094	.870
NO-1214	12	.094	.900
12 65/30-STRANDED BARE COPPER-3/64” INSULATION THICKNESS			
NO-512	5	.094	.740
NO-612	6	.094	.790
NO-712	7	.094	.790
NO-812	8	.094	.820
NO-912	9	.109	.900
NO-1012	10	.109	1.010
NO-1212	12	.109	1.040
NO-1612	16	.109	1.160
NO-1812	18	.109	1.220
10 104/30-STRANDED BARE COPPER-3/64” INSULATION THICKNESS			
NO-510	5	.094	.800
NO-610	6	.094	.850
NO-810	8	.094	.910
NO-1010	10	.109	1.120

PORTABLE CORDS
300-600V



DESCRIPTION:
Each Conductor Stranded Bare Copper, Color Coded Rubber Insulation, Cabled with Fillers, Separator, Black Neoprene Jacket Overall.

CHARACTERISTICS:
• Temperature Range: -30°C to +90°C
• Voltage Rating:
SJO: 300 Volts
SO: 600 Volts

NEOPRENE PORTABLE CORD 300 VOLT						
WEICO NO.	TYPE	NO. OF COND.	AWG	NOM. INS. THICKNESS (INCHES)	NOM. JKT. THICKNESS (INCHES)	CURRENT CAPACITY IN AMPS
NJO-218	SJO	2	18	.032	.032	7
NJO-318	SJO	3	18	.032	.032	7
NJO-216	SJO	2	16	.032	.032	10
NJO-316	SJO	3	16	.032	.032	10
NEOPRENE PORTABLE CORD 600 VOLT						
NO-218	SO	2	18	.030	.060	7
NO-318	SO	3	18	.030	.060	7
NO-418	SO	4	18	.030	.060	6
NO-216	SO	2	16	.030	.060	10
NO-316	SO	3	16	.030	.060	10
NO-416	SO	4	16	.030	.060	8
NO-214	SO	2	14	.045	.075	15
NO-314	SO	3	14	.045	.075	15
NO-414	SO	4	14	.045	.075	12
NO-212	SO	2	12	.045	.090	20
NO-312	SO	3	12	.045	.090	20
NO-412	SO	4	12	.045	.090	16
NO-210	SO	2	10	.045	.090	25
NO-310	SO	3	10	.045	.090	25
NO-410	SO	4	10	.045	.090	20

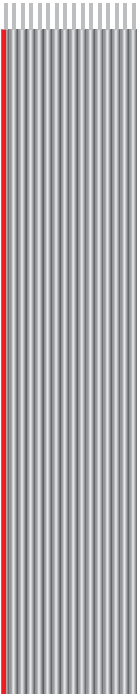
Standard Put-Ups: 250 ft. COLORS: 1 = White 2 = Black 3 = Green 4 = Red



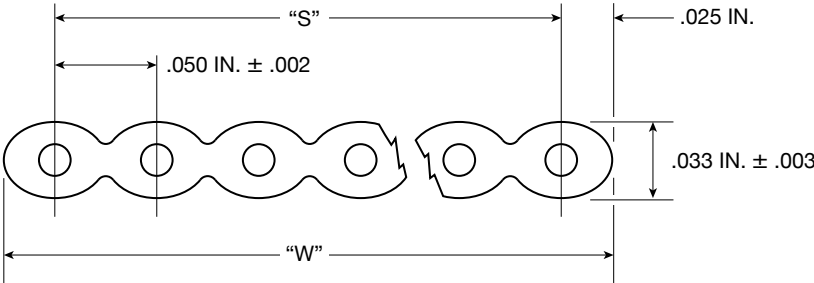
FLAT CABLE GRAY

105°C PVC

2651
(PASSES UL VW-1 FLAME TEST)



WEICO NO.	NO. OF CONDUCTORS	NOMINAL OVERALL WIDTH (W) (INCHES)	NOMINAL SPAN (S) (INCHES)
WR-9	9	.45	.40
WR-10	10	.50	.45
WR-14	14	.70	.65
WR-15	15	.75	.70
WR-16	16	.80	.75
WR-20	20	1.00	.95
WR-24	24	1.20	1.15
WR-25	25	1.25	1.20
WR-26	26	1.30	1.25
WR-34	34	1.70	1.65
WR-37	37	1.85	1.80
WR-40	40	2.00	1.95
WR-50	50	2.50	2.45
WR-60	60	3.00	2.95
WR-64	64	3.20	3.15



Weico's gray Flat Cable is designed for general purpose applications. Because of its exacting specifications, it provides consistent reliable performance. Being ribbed on both sides permits reverse plane termination ability on the same cable length. Flexibility and excellent teardown characteristics allow intricate circuit routing and uniform breakouts for harness production. Weico's Flat Cable is stocked in bulk (100 Ft./Reel).

DESCRIPTION:

- 28 AWG (7/36) stranded tinned copper conductor
- Nominal Insulation Thickness: .010" PVC
- Conductors on .050" centers
- Gray PVC with red stripe on leading edge
- UL listed-Style 2651
- Passes UL VW-1 flame test

CHARACTERISTICS:

- Temperature Rating: +105°C
- Voltage Rating: 300 Volts
- Capacitance: 14 pF/ft nom.*
- Propagation Delay: 1.4 ns/ft-.18 ns rise time pulse @ 1 mhz*
- Impedance: 105 ohms nom.*
- Crosstalk: nom. between two adjacent signal lines @ 1 ns rise time over 10 ft. length; near end 3.2-far end 11.5%*
- Environmental: resists acids, alkalis, oil, moisture, solvents, ozone and fungus

Standard Packaging: 100 foot spool

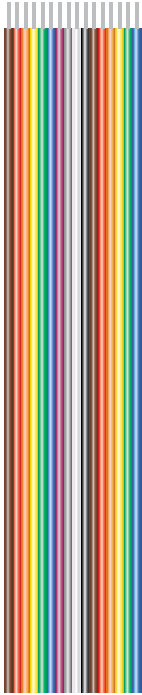
*Transmission Characteristics: Ground-Signal-Ground-Signal etc. With All Grounds Common



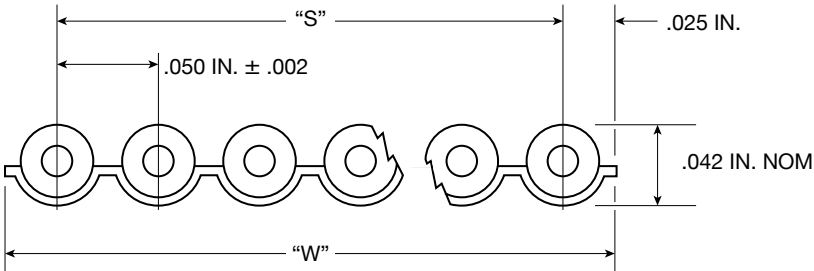
FLAT CABLE COLOR CODED

105°C PVC

2884
(PASSES UL VW-1 FLAME TEST)



WEICO NO.	NO. OF CONDUCTORS	NOMINAL OVERALL WIDTH (W) (INCHES)	NOMINAL SPAN (S) (INCHES)
WC-9	9	.45	.40
WC-10	10	.50	.45
WC-14	14	.70	.65
WC-15	15	.75	.70
WC-16	16	.80	.75
WC-20	20	1.00	.95
WC-24	24	1.20	1.15
WC-25	25	1.25	1.20
WC-26	26	1.30	1.25
WC-34	34	1.70	1.65
WC-37	37	1.85	1.80
WC-40	40	2.00	1.95
WC-50	50	2.50	2.45
WC-60	60	3.00	2.95
WC-64	64	3.20	3.15



Weico's color coded Flat Cable is manufactured from pre-insulated color coded conductors which are then laminated on .050 center to center spacing. This permits conventional termination using insulation displacement connectors. Color coding affords immediate identification of discrete wires for positive termination and traceability. Weico's Flat Cable is stocked in bulk (100 ft/reel).

DESCRIPTION:

- 28 AWG (7/36) stranded tinned copper conductor
- .010" nom. wall PVC
- Conductors laminated to a sheet of .009" clear PVC
- Color Code: brown, red, orange, yellow, green, blue, violet, gray, white, black. Color code repeats beyond 10 conductors
- UL listed-Style 2884
- Passes UL VW-I flame test

CHARACTERISTICS:

- Temperature Rating: +105°C
- Voltage Rating: 300 Volts
- Capacitance: 14 pF/ft @ 1 mhz*
- Propagation Delay: 1.4 ns/ft-.18 ns rise time pulse*
- Impedance: 105 ohms nom.*
- Crosstalk: nom. between two adjacent signal lines @ 1 ns rise time over 10 ft. length; near end 3.2%-far end 11.5%*
- Environmental: resists acids, alkalis, oil, moisture, solvents, ozone and fungus

Standard Packaging: 100 foot spool

*Transmission Characteristics: Ground-Signal-Ground-Signal etc. With All Grounds Common



FLAT CABLE, SHIELDED AND JACKETED

105°C PVC

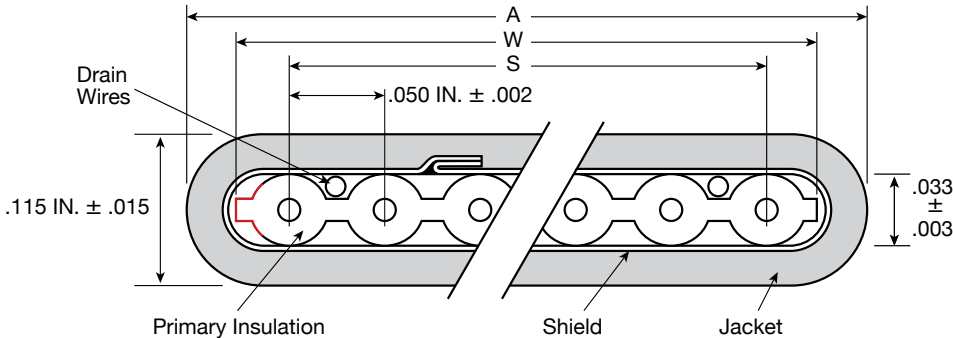
2912
(PASSES UL VW-1 FLAME TEST)



Weico’s shielded and jacketed flat cable is designed for use in high frequency applications where RF protection is mandated. This general purpose shielded cable minimizes electrical interference and crosstalk in such applications.

This series uses Weico’s gray flat cable (described on page 36) and an aluminum/ polyester shield. The shielding is folded to provide excellent metal to metal contact and utilizes two drain wires to facilitate grounding. The jacket is a rugged .030” thick flame retardant 105°C black Polyvinylchloride with excellent abrasion resistance.

WEICO NO.	NO. OF CONDUCTORS	JACKET WIDTH “A”	CABLE WIDTH “W”	CABLE SPAN “S”
WSJ-14	14	.770 ± .030	.700 ± .008	.650 ± .008
WSJ-16	16	.870 ± .030	.800 ± .008	.750 ± .008
WSJ-20	20	1.070 ± .030	1.000 ± .008	.950 ± .008
WSJ-25	25	1.320 ± .030	1.250 ± .008	1.200 ± .008
WSJ-26	26	1.370 ± .030	1.300 ± .008	1.250 ± .008
WSJ-34	34	1.770 ± .035	1.700 ± .012	1.650 ± .012
WSJ-40	40	2.070 ± .035	2.000 ± .012	1.950 ± .012
WSJ-50	50	2.570 ± .035	2.500 ± .012	2.450 ± .012
WSJ-60	60	3.070 ± .035	3.000 ± .012	2.950 ± .012



- DESCRIPTION:**
- 28 AWG (7/36) stranded tinned copper conductor
 - Nominal Insulation Thickness: .010” PVC
 - Conductors on .050” centers
 - Gray PVC with red stripe on leading edge
 - Overall Aluminum/Polyester shield with two stranded tinned copper drain wires- 28 AWG (7/36)
 - Black PVC Jacket-Thickness: .030” Minimum
 - UL STYLE 2912
 - Passes UL VW-1 flame test

- CHARACTERISTICS:**
- Temperature Rating: +105°C
 - Voltage Rating: 150 V
 - Capacitance: 20 pF/ft nom.*
 - Propagation Delay: 1.45 ns/ft.-.10 ns rise time pulse @ 1 mhz*
 - Impedance: 70 ohms nom.
 - Crosstalk: 5.5% near end; 1.6% far end; 10ft. sample @ 3.5 ns rise time pulse; 2.0% near end; .50% far end 10 ft. sample @ 7.0 ns rise time pulse

Standard Packaging: 100 foot spool

*Transmission Characteristics: Ground-Signal-Ground-Signal etc. With All Grounds Common



POWER SUPPLY CORDS, SHIELDED, UNSHIELDED

3 CONDUCTOR
N.A. COLOR CODING
CEE COLOR CODING



- DESCRIPTION:**
- Stranded Bare Copper Conductors
 - Color Coded PVC or Rubber Insulation
 - PVC (SVT-SJT). Rubber (SV-SJ) Or Neoprene (SJO) Jacket
 - One End Fitted With Molded Three Prong Male Plug, Other End Has Jacket and Conductors Stripped Back
 - Shielded or Unshielded As Indicated In Table

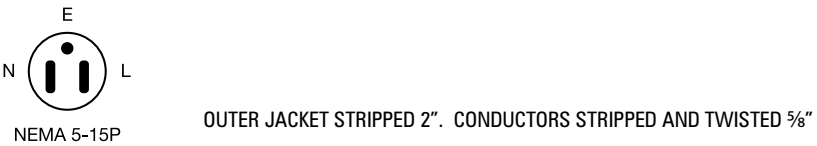
- APPLICATIONS:**
- Type SV-SVT: Small Tools, Business Machines, Light-Duty Equipment
- Type SJ-SJT-SJO: Heavier Duty Tools, Electric Saws, Small Motors, Grinders, Saws, Sanders

COLOR CODE COMPARISON BY FUNCTION

Function
N = Neutral
L = Live
E = Earth or Ground

North American Color Coding
White
Black
Green or Green/Yellow

CEE
Light Blue
Brown
Green/Yellow

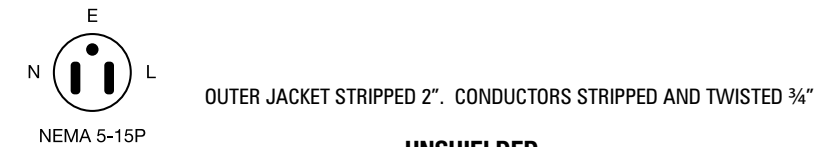


WEICO NO.	LENGTH (FT.)	COLOR CODING	AWG (STRAND-ING)	NOM. O.D. (INCHES)	RATING	UL TYPE	COLOR
UNSHIELDED							
30306	6	NA	18(16x30)	0.328	1250 Watts 10A-125V	SJ	Black
30406	6	NA	18(16x30)	0.315	1250 Watts 10A-125V	SJT	Gray
30407/ECC	6’7”	CEE	18(41x34)	0.315	1250 Watts 10A-125V	SJT	Black
30308	8	NA	18(16x30)	0.328	1250 Watts 10A-125V	SJ	Black
30508	8	NA	18(16x30)	0.328	1250 Watts 10A-125V	SJO	Black
30312	12	NA	18(16x30)	0.328	1250 Watts 10A-125V	SJ	Black
30309/16	9	NA	16(26x30)	0.353	1625 Watts 13A-125V	SJ	Black
30410/16ECC	9’10”	CEE	16(65x34)	0.340	1625 Watts 13A-125V	SJT	Black
30312/16	12	NA	16(26x30)	0.353	1625 Watts 13A-125V	SJ	Black

SHIELDED							
33207/ECC	6’7”	CEE	18(41x34)	0.270	1250 Watts 10A-125V	SVT Shielded	Black
33210/ECC	9’10”	CEE	18(41x34)	0.270	1250 Watts 10A-125V	SVT Shielded	Black
33410/14ECC	9’10”	CEE	14(41x30)	0.402	1875 Watts 15A-125V	SJT Shielded	Black



UNSHIELDED							
30106	6	NA	18(41x34)	0.246	1250 Watts 10A-125V	SV	Black
30108	8	NA	18(41x34)	0.246	1250 Watts 10A-125V	SV	Black
30206	6	NA	18(41x34)	0.253	1250 Watts 10A-125V	SVT	Gray
30208	8	NA	18(41x34)	0.253	1250 Watts 10A-125V	SVT	Gray



UNSHIELDED							
30309/14	9	NA	14(41x30)	0.380	1875 Watts 15A-125V	SJ	Black
30315/14	15	NA	14(41x30)	0.380	1875 Watts 15A-125V	SJ	Black



POWER SUPPLY CORDS, SHIELED, UNSHIELDED

EXTENSION CORDS, DETACHABLE 3 CONDUCTORS N.A. COLOR CODING CEE COLOR CODING

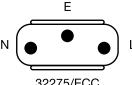
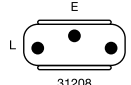


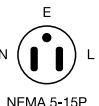
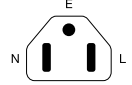
DESCRIPTION: • One End Fitted With Molded Three Prong Male Plug. Other End Fitted With Molded Female Receptable. • Shielded or Unshielded As Indicated In Table.

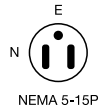
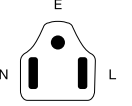
COLOR CODE COMPARISON BY FUNCTION

Function N = Neutral L = Live E = Earth or Ground North American Color Coding White Black Green or Green/Yellow

CEE Light Blue Brown Green/Yellow

							
							
WEICO NO.	LENGTH (FT.)	COLOR CODING	AWG (STRAND-ING)	NOM. O.D. (INCHES)	RATING	UL TYPE	COLOR
UNSHIELDED							
31208	8	NA	18(41 x34)	0.253	875 Watts 7A-125V	SVT	Gray
32275/ECC	7'6"	CEE	18(41 x34)	0.246	875 Watts 7A-125V	SVT	Gray

							
							
UNSHIELDED							
31275	7'6"	NA	18(41X34)	0.246	1250 Watts 10A-125V	SVT	Black
31275/ECC	7'6"	CEE	18(41X34)	0.246	1250 Watts 10A-125V	SVT	Black
31407/ECC	6'7"	CEE	18(41X34)	0.315	1250 Watts 10A-125V	SJT	Black
31407/14ECC	6'7"	CEE	14(41X30)	0.380	1875 Watts 15A-125V	SJT	Black
32408/16	7'6"	NA	16(65X34)	0.340	1625 Watts 13A-125V	SJT	Black
31410	9'10"	CEE	18(41X34)	0.315	1250 Watts 10A-125V	SJT	Black
SHIELDED							
33209/ECC	6'7"	CEE	18(41X34)	0.270	1250 Watts 10A-125V	SVT Shielded	Black
34407/ECC	6'7"	CEE	18(41X34)	0.340	1250 Watts 10A-125V	SJT Shielded	Black
34207/ECC	6'7"	CEE	18(41X34)	0.307	1250 Watts 10A-125V	SVT Foil Shield +85% Braid Shield	Black
34410/16 ECC	9'10"	CEE	16(65X34)	0.365	1625 Watts 13A-125V	SJT Shielded	Black
34407/14 ECC	6'7"	CEE	14(41X30)	0.402	1875 Watts 15A-125V	SJT Shielded	Black
34410/14 ECC	9'10"	CEE	14(41X30)	0.402	1875 Watts 15A-125V	SJT Shielded	Black

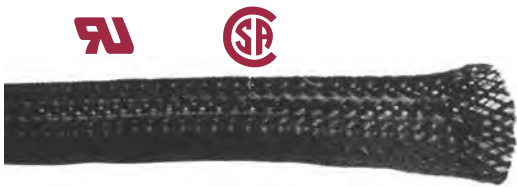
							
							
UNSHIELDED							
31310	10	NA	18(16x30)	0.328	1250 Watts 10A-125V	SJ	Black
31310/16	10	NA	16(26x30)	0.340	1625 Watts 13A-125V	SJ	Black



TUBING

EXPANDABLE BRAIDED POLYESTER SLEEVING

(PASSES VW-1 FLAME TEST)



DESCRIPTION: WEICO XPT and XFR are lightweight, expandable sleeveings that offer extreme flexibility. The open weave allows for a wide range of sleeving diameters, thus ensuring ease of installation over a wide range of shapes and sizes. This sleeving provides an economical, flexible, protection for bundling wires, harnesses, and cable assemblies on various types of machinery, from industrial robots to CAD/CAM controlled process and machine tool equipment.

Standard Put-Ups: Consult Factory

GENERAL PURPOSE WEICO NO.	FLAME RETARDANT WEICO NO.	MINIMUM SUPPLIED I.D. (INCHES)	MAXIMUM EXPANDED I.D. (INCHES)	NOM. WALL THICKNESS (INCHES)
XPT-1/8	XFR-1/8	0.093	0.250	.025
XPT-1/4	XFR-1/4	0.125	0.437	.025
XPT-1/2	XFR-1/2	0.250	0.750	.025
XPT-3/4	XFR-3/4	0.500	1.250	.025
XPT-1 1/4	XFR-1 1/4	0.750	1.750	.025
XPT-1 3/4	XFR-1 3/4	1.250	2.750	.025
XPT-2	XFR-2	1.500	3.500	.025

COLOR: Black

CHARACTERISTICS: • Operating Temperature: -70°C to +125°C • Applicable Specifications: MIL STD-810B-Method 508 • Fungus inert • Resists abrasion and cut through, self-extinguishing when used to encase non-flammable wires or cables.

TUBING *"TEFLON"



DESCRIPTION: WEICO'S Teflon Tubing is Rated For Continuous Operation at 260°C While Retaining Exceptional Toughness and Flexibility. The Dielectric Strength of Teflon at High Frequencies is Many Times That of Other Insulators. The Insulation Resistance Properties are Unaffected by Heat Aging or Temperature Use up to 260°C.

SPECIFICATIONS: ETT: AMS 3654, ASTM D 3295 CLASS A TT: AMS 3655, ASTM D 3295 CLASS B TS: AMS 3653, ASTM D 3295 CLASS C MIL-I-22129

CHARACTERISTICS: • Operating Temperature: -65°C to 260°C • Dielectric Strength: 550 Volts/MIL • Fungus Resistant • Self-Extinguishing • Non-Corrosive • Zero Water Absorption

Standard Put-Ups: 100 ft., 1000 ft.

WEICO NO. AND SIZE			NOM. INSIDE DIA. (INCHES)	ETT WALL THICKNESS (INCHES)	TT WALL THICKNESS (INCHES)	TS WALL THICKNESS (INCHES)
EXTRA THIN WALL	THIN WALL	STANDARD WALL				
ETT-30	TT-30	-	.012	.006	.009	-
ETT-28	TT-28	-	.015	.006	.009	-
ETT-26	TT-26	-	.018	.006	.009	-
ETT-24	TT-24	TS-24	.022	.006	.010	.012
ETT-22	TT-22	TS-22	.028	.006	.010	.012
ETT-20	TT-20	TS-20	.034	.006	.012	.016
ETT-19	TT-19	TS-19	.038	.006	.012	.016
ETT-18	TT-18	TS-18	.042	.006	.012	.016
ETT-17	TT-17	TS-17	.047	.006	.012	.016
ETT-16	TT-16	TS-16	.053	.006	.012	.016
ETT-15	TT-15	TS-15	.059	.006	.012	.016
ETT-14	TT-14	TS-14	.066	.008	.012	.016
ETT-13	TT-13	TS-13	.076	.008	.012	.016
ETT-12	TT-12	TS-12	.085	.008	.012	.016
ETT-11	TT-11	TS-11	.095	.008	.012	.016
ETT-10	TT-10	TS-10	.106	.008	.012	.016
ETT-9	TT-9	TS-9	.118	.008	.015	.020
ETT-8	TT-8	TS-8	.133	.008	.015	.020
ETT-7	TT-7	TS-7	.148	.008	.015	.020
ETT-6	TT-6	TS-6	.166	.010	.015	.020
ETT-5	TT-5	TS-5	.186	.010	.015	.020
ETT-4	TT-4	TS-4	.208	.010	.015	.020
ETT-3	TT-3	TS-3	.234	.010	.015	.020
ETT-2	TT-2	TS-2	.263	.010	.015	.020
ETT-1	TT-1	TS-1	.294	.010	.015	.020
ETT-0	TT-0	TS-0	.330	.012	.015	.020

COLORS: Natural = C 0 = Black 2 = Red 4 = Yellow 6 = Blue 8 = Gray 1 = Brown 3 = Orange 5 = Green 7 = Violet 9 = White

PVC

105°C

(PASSES VW-1 FLAME TEST)



DESCRIPTION:
WEICO'S PVC Tubing is an Economical All-Purpose Insulating Material. It is Flexible, Heat and Oil Resistant and has Superior Thermal, Mechanical and Electrical Properties.

- SPECIFICATIONS:**
- MIL-I-631- TYPE F FORM U, GRADE C, CLASS 1, CATEGORY 1

- CHARACTERISTICS:**
- Operating Temperature: -20°C to +105°C
 - Dielectric Strength: 800 Volts/MIL
 - Non Corrosive
 - Self Extinguishing
 - Fungus Resistant

WEICO NO.	SIZE	NOM. INSIDE DIA. (INCHES)	NOM. WALL THICKNESS (INCHES)	STANDARD PUT-UPS
PV-24	24	.022	.013	100',-1000' Spools
PV-22	22	.027	.012	100',-1000' Spools
PV-20	20	.034	.016	100',-1000' Spools
PV-19	19	.038	.016	100',-1000' Spools
PV-18	18	.042	.016	100',-1000' Spools
PV-17	17	.047	.016	100',-1000' Spools
PV-16	16	.053	.016	100',-1000' Spools
PV-15	15	.059	.016	100',-1000' Spools
PV-14	14	.066	.016	100',500' Spools
PV-13	13	.076	.016	100',500' Spools
PV-12	12	.085	.016	100',500' Spools
PV-11	11	.095	.016	100',500' Spools
PV-10	10	.106	.016	100',500' Spools
PV-9	9	.118	.020	100',500' Spools
PV-8	8	.133	.020	100',500' Spools
PV-7	7	.148	.020	100',500' Spools
PV-6	6	.166	.020	100',500' Spools
PV-5	5	.186	.020	100',500' Spools
PV-4	4	.208	.020	100',250' Spools
PV-3	3	.234	.020	100',250' Spools
PV-2	2	.263	.020	100',250' Spools
PV-1	1	.294	.020	100',250' Spools
PV-0	0	.330	.020	100',250' Spools
PV-5/16	5/16"	.312	.025	100',250' Coils
PV-3/8	3/8"	.375	.025	100',250' Spools
PV-7/16	7/16"	.438	.025	100' Coils
PV-1/2	1/2"	.500	.025	100' Coils
PV-9/16	9/16"	.562	.030	100' Coils
PV-5/8	5/8"	.625	.030	100' Coils
PV-3/4	3/4"	.750	.035	50' Coils
PV-7/8	7/8"	.875	.035	50' Coils
PV-1 IN	1"	1.000	.035	50' Coils
PV-1 1/8	1 1/8"	1.125	.035	50' Coils
PV-1 1/4	1 1/4"	1.250	.040	50' Coils
PV-1 3/8	1 3/8"	1.375	.045	50' Coils
PV-1 1/2	1 1/2"	1.500	.045	50' Coils
PV-1 3/4	1 3/4"	1.750	.055	50' Coils
PV-2 IN	2"	2.000	.060	50' Coils
PV-2 1/4	2 1/4"	2.250	.070	50' Coils
PV-2 1/2	2 1/2"	2.500	.070	50' Coils

COLORS: C = Clear 9 = White 2 = Red
0 = Black 4 = Yellow 5 = Green

PLASTIC IMPREGNATED
FIBERGLASS TUBING



CONFORMS TO:
MIL-I-3190-GRADE B AND MIL-I-21557

THERMAL CLASS B:
(130°C). NEMA Type VS-1

DIELECTRIC: 4000 VDC

- OPERATING TEMPERATURE:**
- 20°C to +130°C
 - Non Corrosive
 - Self Extinguishing
 - Fungus Resistant

STOCK COLOR: Black

Standard Put-Ups: 100 ft., 1000 ft.

WEICO NO.	SIZE	NOMINAL I.D.	NOM. WALL THICKNESS (INCHES)
FG-24	24	.022	.019
FG-22	22	.027	.019
FG-20	20	.034	.019
FG-19	19	.038	.019
FG-18	18	.042	.019
FG-17	17	.047	.019
FG-16	16	.053	.024
FG-15	15	.059	.024
FG-14	14	.066	.024
FG-13	13	.076	.024
FG-12	12	.085	.024
FG-11	11	.095	.024
FG-10	10	.106	.024
FG-9	9	.118	.024
FG-8	8	.133	.024

DESCRIPTION:

The Weico FG Tubing is a Woven Fiberglass Braid Impregnated With a Heat Resistant, Extremely Flexible, Tough Plastic Insulation. It is Formulated

WEICO NO.	SIZE	NOMINAL I.D.	NOM. WALL THICKNESS (INCHES)
FG-7	7	.148	.024
FG-6	6	.166	.024
FG-5	5	.186	.031
FG-4	4	.206	.031
FG-3	3	.234	.031
FG-2	2	.263	.031
FG-1	1	.294	.036
FG-0	0	.330	.036
FG-3/8	3/8"	.387	.036
FG-7/16	7/16"	.450	.036
FG-1/2	1/2"	.512	.036
FG-5/8	5/8"	.640	.036
FG-3/4	3/4"	.768	.036
FG-7/8	7/8"	.893	.036
FG-11IN	1"	1.018	.036

to Provide The Optimum in Electrical, Chemical Resistance, Heat Stability, and Abrasion Resistant Properties.

SILICONE RUBBER COATED
FIBERGLASS TUBING



DESCRIPTION:

The WEICO RSF Tubing is a Tightly Woven, Fiberglass Braid, Coated With Silicone Rubber. It Offers High Heat and Superior Electrical Characteristics in Any Application Requiring Class H Insulation, and Maintains Exceptional Flexibility Over Its Entire Operating Temperature Range.

THERMAL CLASS H: for 200°C operation. NEMA Type 5.

GRADE A-1: 8000V. Dielectric.

MEETS MILITARY SPECIFICATIONS:
MIL-I-3190 and MIL-I-18057.

OPERATING TEMPERATURE RANGE:

- 85°C to +200°C
- Non Corrosive
- Self Extinguishing
- Fungus Resistant

STOCK COLOR: Natural

Standard Put-Ups: 100 ft., 1000 ft.

WEICO NO.	SIZE	NOM. INSIDE DIAMETER (INCHES)	NOM. WALL THICKNESS (INCHES)
RSF-24	24	.024	.020
RSF-22	22	.029	.020
RSF-20	20	.036	.020
RSF-18	18	.045	.020
RSF-17	17	.050	.020
RSF-16	16	.056	.024
RSF-15	15	.062	.024
RSF-14	14	.068	.024
RSF-13	13	.076	.024
RSF-12	12	.085	.024
RSF-11	11	.096	.024
RSF-10	10	.107	.024
RSF-9	9	.119	.024
RSF-8	8	.135	.024
RSF-7	7	.151	.024
RSF-6	6	.170	.024
RSF-5	5	.190	.028
RSF-4	4	.214	.028
RSF-3	3	.239	.028
RSF-2	2	.268	.028
RSF-1	1	.300	.028
RSF-0	0	.336	.028
RSF-3/8	3/8"	.387	.034
RSF-7/16	7/16"	.450	.034
RSF-1/2	1/2"	.512	.034
RSF-5/8	5/8"	.640	.034
RSF-3/4	3/4"	.768	.034
RSF-7/8	7/8"	.893	.034
RSF-11IN	1"	1.018	.034

TUBING, SHRINKABLE

PVC 105°C



SPECIFICATIONS:

- MIL-I-23053/2
- AMS-3582

CHARACTERISTICS:

Operating Temperature: -35°C to +105°C
Shrinkage Ratio: to 50% of Supplied Diameter at 175° C
Longitudinal Shrinkage: 10% Nominal
Dielectric Strength: 750 Volts/MIL

WEICO NO.	MILITARY NO.	SIZE (INCHES)	MIN. I.D. BEFORE SHRINKAGE (INCHES)	RECOVERED I.D. AFTER SHRINKAGE (INCHES)	NOM. WALL THICKNESS (INCHES)
SPV-1⁄16	M23053/2-202-X	1⁄16	.062	.031	.020
SPV-3⁄32	M23053/2-203-X	3⁄32	.093	.046	.020
SPV-1⁄8	M23053/2-204-X	1⁄8	.125	.062	.020
SPV-3⁄16	M23053/2-205-X	3⁄16	.187	.093	.020
SPV-1⁄4	M23053/2-206-X	1⁄4	.250	.125	.025
SPV-3⁄8	M23053/2-207-X	3⁄8	.375	.187	.025
SPV-1⁄2	M23053/2-208-X	1⁄2	.500	.250	.025
SPV-3⁄4	M23053/2-209-X	3⁄4	.775	.375	.030
SPV-1	M23053/2-210-X	1	1.000	.500	.035
SPV-1½	M23053/2-211-X	1½	1.500	.750	.045
SPV-2	M23053/2-212-X	2	2.000	1.000	.050

COLORS: 0 = Black C = Clear **X Denotes color coding**

POLYOLEFIN 135°C



Weico’s Polyolefin tubings offer an outstanding balance of properties-electrical, physical and chemical-that make them the most popular choice for a wide variety of industrial and military applications.

Rated for 135°C continuous operation and engineered for superior flame resistance properties, Polyolefin tubings are typically used as a shrink-fit electrical insulation over cable splices and terminations. Polyolefin tubings are also excellent for light-weight wire harness covering, wire marking and bundling, component packaging and fire resistant covering. Polyolefin clear tubings provide excellent visibility for component packaging. All Polyolefin tubings are split-resistant, mechanically tough, easily marked and they resist cold flow.

WEICO NO.	MILITARY NO. (CLEAR)	MILITARY NO. (COLORS)	MILITARY NO.* (CLASS 3*)	SIZE (INCHES)	MIN. I.D. BEFORE SHRINKING (INCHES)	RECOVERED I.D. AFTER SHRINKING (INCHES)	RECOVERED NOM. WALL THICKNESS (INCHES)
SPO-3⁄64	M23053/5-201-C	M23053/5-101-X	M23053/5-301-X	3⁄64	.046	.023	.016
SPO-1⁄16	M23053/5-202-C	M23053/5-102-X	M23053/5-302-X	1⁄16	.063	.031	.017
SPO-3⁄32	M23053/5-203-C	M23053/5-103-X	M23053/5-303-X	3⁄32	.093	.046	.020
SPO-1⁄8	M23053/5-204-C	M23053/5-104-X	M23053/5-304-X	1⁄8	.125	.062	.020
SPO-3⁄16	M23053/5-205-C	M23053/5-105-X	M23053/5-305-X	3⁄16	.187	.093	.020
SPO-1⁄4	M23053/5-206-C	M23053/5-106-X	M23053/5-306-X	1⁄4	.250	.125	.025
SPO-3⁄8	M23053/5-207-C	M23053/5-107-X	M23053/5-307-X	3⁄8	.375	.187	.025
SPO-1⁄2	M23053/5-208-C	M23053/5-108-X	M23053/5-308-X	1⁄2	.500	.250	.025
SPO-3⁄4	M23053/5-209-C	M23053/5-109-X	M23053/5-309-X	3⁄4	.750	.375	.030
SPO-1	M23053/5-210-C	M23053/5-110-X	M23053/5-310-X	1	1.000	.500	.035
SPO-1½	M23053/5-211-C	M23053/5-111-X	M23053/5-311-X	1½	1.500	.750	.040
SPO-2	M23053/5-212-C	M23053/5-112-X	M23053/5-312-X	2	2.000	1.000	.045
SPO-3	M23053/5-213-C	M23053/5-113-X	M23053/5-313-X	3	3.000	1.500	.050
SPO-4	M23053/5-214-C	M23053/5-114-X	M23053/5-314-X	4	4.000	2.000	.055

STANDARD PUT-UPS: 4 ft. lengths, 100 ft./pkg.

**Please specify Military Number when ordering Class 3 Material.*

SPECIFICATIONS:

- MIL-I-23053/5A
- AMS-3636B (Colors) Nonflammable
- AMS-3637B (Clear) Flammable
- Also Available VW1 Approved-Please specify at time of ordering

X Denotes color coding

COLORS: 0 = Black 4 = Yellow 6 = Blue C = Clear
 2 = Red 5 = Green 9 = White

TUBING, SHRINKABLE

IRRADIATED POLYOLEFIN
MULTIPLE WALL
ADHESIVE LINED



WEICO NO.	MILITARY NO.	EXPANDED I.D. MINIMUM (INCHES)	RECOVERED I.D. MAXIMUM (INCHES)	RECOVERD NOM. WALL THICKNESS (INCHES)
SAW - 1⁄8	—	.125	.063	.030
SAW - 3⁄16	—	.187	.093	.030
SAW - 1⁄4	M23053/4-201-0	.250	.125	.030
SAW - 3⁄8	M23053/4-202-0	.375	.187	.031
SAW - 1⁄2	M23053/4-203-0	.500	.250	.032
SAW - 3⁄4	M23053/4-204-0	.750	.375	.037
SAW - 1	M23053/4-205-0	1.000	.500	.046
SAW - 1½	M23053/4-206-0	1.500	.750	.049

COLOR: Black
Standard Put-Ups: 4 ft. lengths

Weico’s SAW tubings are rated for continuous operation at temperatures from -55°C to +110°C and will withstand higher operating temperatures for brief time intervals.

All Weico’s SAW tubings meet the requirements of MIL-I- 23053/4 Class 2.

The Weico SAW Series are irradiated multiple wall, flexible and flame retardant polyolefin heat shrink tubings and are lined with a thin layer of special thermoplastic adhesive. When the SAW tubing has heat applied to it in excess of 121°C (250°F), the outer tubing shrinks and conforms to the unit to be covered, while the inner wall of adhesive melts and flows to provide a moisture and corrosion resistant seal.

The SAW multiple wall tubing is ideally suited for applications where moisture protection of wire splices or bundling of wires is required.

KYNAR* TUBING



WEICO’S Kynar is an irradiated, thin-wall, heat-shrinkable tubing offering a high degree of mechanical strength and high-temperature resistance. Kynar is fabricated from polyvinylidene fluoride, hence, its outstanding abrasion resistance and cut-through properties in combination with high dielectric strength. Kynar is inherently flame-retardant and semi-rigid. It is highly resistant to most industrial fuels, chemicals and solvents.

Kynar tubings are recommended for shrink-fit protection and strain relief of wires, solder joints, terminals and connections. Suggested applications include automotive wiring, jackets, fuse coverings and military wire markers. Because the tubing is transparent, it affords see-thru inspection and identification when used as a jacketing for components such as resistors and capacitors, Kynar tubings are readily marked by hot-stamp and print-wheel equipment.

Kynar tubings are rated for continuous operation from -55°C (-67°F) to +175°C (+347°F). The tubings will withstand higher operating temperatures for short time intervals.

Minimum shrink temperature for Kynar tubings is +175°C (+347°F).

Kynar tubings meet the requirements of MIL-I-23053/8, AMS 3632, and are U.L. recognized for 600 volts @ 150°C; U.L. VW-1 rated.

- CHARACTERISTICS:**
- High Mechanical Strength
 - High Temperature

WEICO NO.	MILITARY NO.	SIZE (INCHES)	EXPANDED I.D. MINIMUM (INCHES)	RECOVERED I.D. MAXIMUM (INCHES)	RECOVERED NOM. WALL THICKNESS (INCHES)
SKY- ³ / ₆₄	M23053/8-001-C	³ / ₆₄	.046	.023	.010
SKY- ¹ / ₁₆	M23053/8-002-C	¹ / ₁₆	.063	.031	.010
SKY- ³ / ₃₂	M23053/8-003-C	³ / ₃₂	.093	.046	.010
SKY- ¹ / ₈	M23053/8-004-C	¹ / ₈	.125	.062	.010
SKY- ³ / ₁₆	M23053/8-005-C	³ / ₁₆	.187	.093	.010
SKY- ¹ / ₄	M23053/8-006-C	¹ / ₄	.250	.125	.012
SKY- ³ / ₈	M23053/8-007-C	³ / ₈	.375	.187	.012
SKY- ¹ / ₂	M23053/8-008-C	¹ / ₂	.500	.250	.012
SKY- ³ / ₄	M23053/8-009-C	³ / ₄	.750	.375	.017
SKY-1	M23053/8-010-C	1	1.000	.500	.019
SKY-1½	M23053/8-011-C	1½	1.500	.750	.020

Standard Put-Ups: 4 ft. Lengths ** Pennwalt Chemical Registered Trademark*
COLOR: Clear

NEOPRENE TUBING



NEOPRENE very flexible, self-extinguishing, modified polychloroprene tubings combining a high degree of mechanical toughness and oil-resistance with 121°C continuous operating temperature.

WEICO’S Neoprene heat-shrinkable tubings are recommended for applications requiring a tough, highly flexible covering. Neoprene tubings are thick-walled, and provide superior cut-through and abrasion resistance. The tubings are unaffected by common fluids and solvents. Resistance to oils is excellent.

Neoprene tubings maintain flexibility at low temperatures. The tubings are particularly useful for the fabrication and repair of flexible harnesses and wire bundles and for covering of hydraulic couplings. The superior mechanical properties of Neoprene tubings make them ideal choices for the jacketing of cable harnesses and custom-made cables that must operate in severe environmental conditions. Neoprene tubings are rated for continuous operation from -70°C (-94°F) to +121°C (+250°F). The tubings will withstand higher operating temperatures for short time intervals.

WEICO NO.	MILITARY NO.	SIZE (INCHES)	EXPANDED I.D. MINIMUM (INCHES)	RECOVERED I.D. MAXIMUM (INCHES)	RECOVERED NOM. WALL THICKNESS (INCHES)
SNE- ¹ / ₈	—	¹ / ₈	.125	.072	.030
SNE- ³ / ₁₆	—	³ / ₁₆	.187	.106	.035
SNE- ¹ / ₄	M23053/1-201-0	¹ / ₄	.250	.125	.035
SNE- ³ / ₈	M23053/1-202-0	³ / ₈	.375	.187	.040
SNE- ¹ / ₂	M23053/1-203-0	¹ / ₂	.500	.250	.048
SNE- ⁵ / ₈	M23053/1-204-0	⁵ / ₈	.625	.312	.052
SNE- ³ / ₄	M23053/1-205-0	³ / ₄	.750	.375	.057
SNE- ⁷ / ₈	M23053/1-206-0	⁷ / ₈	.875	.437	.065
SNE-1	M23053/1-207-0	1	1.000	.500	.070
SNE-1¼	M23053/1-208-0	1¼	1.250	.612	.087
SNE-1½	M23053/1-209-0	1½	1.500	.750	.095
SNE-1¾	M23053/1-210-0	1¾	1.750	.875	.107
SNE-2	M23053/1-211-0	2	2.000	1.000	.110
SNE-3	M23053/1-212-0	3	3.000	1.500	.125

COLOR: Black **Standard Put-Ups: Spools**

Minimum shrinkage temperature for neoprene tubings is +135°C (+275°F)

Neoprene tubings can be readily marked by hot-stamp and print-wheel methods.

Neoprene tubings are self-extinguishing and meet the requirements of MIL-I-23053/1 Class 1 & 2; MIL-R-46846, Type 1, Class 1 and AMS 3623.

IRRADIATED POLYOLEFIN
MULTIPLE WALL, INNER
WALL MELTS



WEICO’S SMW Tubings are rated for continuous operation at temperatures from -55°C to +110°C and will withstand higher operating temperatures for brief time intervals.

WEICO’S SMW Tubings meet the requirements of AMS 3634 and MIL-I-23053/4, Class 1.

WEICO’S SMW is a semi-rigid, 110°C heat shrinkable polyolefin tubing that is co-extruded and selectively cross-linked to provide an integral, meltable inner wall.

WEICO NO.	MILITARY NO.	EXPANDED I.D. MINIMUM (INCHES)	RECOVERED I.D. MAXIMUM (INCHES)	RECOVERED NOM. WALL THICKNESS TOTAL WALL (INCHES)	MELTABLE WALL NOM. (INCHES)
SMW- ¹ / ₈	M23053/4-101-0	.125	.023	.038	.020
SMW- ³ / ₁₆	M23053/4-102-0	.187	.060	.043	.025
SMW- ¹ / ₄	M23053/4-103-0	.250	.080	.047	.027
SMW- ³ / ₈	M23053/4-104-0	.375	.135	.050	.030
SMW- ¹ / ₂	M23053/4-105-0	.500	.195	.055	.035
SMW- ³ / ₄	M23053/4-106-0	.750	.313	.065	.040
SMW-1	M23053/4-107-0	1.000	.400	.075	.040

COLOR: Black **Standard Put-Ups: 4 ft. Lengths**

On the application of heat in excess of 135°C WEICO’S SMW Tubing automatically shrinks and closely conforms to the contours of the underlying substrate. The inner meltable wall of the tubing is simultaneously softened and forced by the shrink action into intimate contact with all underlying surfaces, interstices and small voids. Upon cooling, the installed SMW Tubing represents a tough protective and insulating barrier, highly resistant to penetration by moisture and the attack of chemicals and solvents.



CONDUCTOR DATA (SOLID, BARE)

GAUGE	NOMINAL O.D. INCHES	AREA (CIRCULAR MILS)	WEIGHT (LBS/MFT)	RESISTANCE @ 20°C (Ω/1000 FT)
10	.1019	10380.0	31.43	.9989
11	.0907	8234.0	24.92	1.260
12	.0808	6530.0	19.77	1.588
13	.0720	5178.0	15.68	2.003
14	.0641	4107.0	12.43	2.525
15	.0571	3260.0	9.858	3.184
16	.0508	2583.0	7.818	4.016
17	.0453	2050.0	6.200	5.064
18	.0403	1620.0	4.917	6.385
19	.0359	1200.0	3.899	8.051
20	.0320	1020.0	3.092	10.15
21	.0285	812.1	2.452	12.80
22	.0253	640.4	1.945	16.14
23	.0226	511.5	1.542	20.36
24	.0201	404.0	1.223	25.67
25	.0179	320.4	.9699	32.37
26	.0159	253.0	.7692	40.81
27	.0142	201.5	.6100	51.47
28	.0126	159.8	.4837	64.90
29	.0113	126.7	.3836	81.83
30	.0100	100.5	.3042	103.2
31	.0089	79.7	.2413	130.1
32	.0080	63.21	.1913	164.1
33	.0071	50.13	.1517	206.9
34	.0063	39.75	.1203	260.9
35	.0056	31.52	.09542	331.0
36	.0050	25.00	.07568	414.8
37	.0045	19.83	.0613	512.1
38	.0040	15.72	.04759	648.6
39	.0035	12.20	.03774	847.8
40	.0031	9.61	.02993	1080.0

Information from National Bureau of Standards Copper Wire Tables-Handbook 100.



CONDUCTOR DATA (STRANDED, TINNED)

GAUGE	STRANDS	NOMINAL O.D. OF STRAND	NOMINAL O.D. (INCHES)	AREA (CIRCULAR MILS)	WEIGHT (LBS/MFT)	RESISTANCE @ 20°C (Ω/1000 FT)
32	7/40	.0031	.0093	67.27	.203	164.0
32	19/44	.002	.010	76.00	.230	136.4
30	7/38	.004	.012	112.00	.339	103.2
30	19/42	.0025	.012	118.75	.359	87.3
28	7/36	.005	.015	175.00	.529	64.9
28	19/40	.0031	.016	182.59	.553	56.7
26	7/34	.0063	.019	277.83	.841	37.3
26	10/36	.0050	.021	250.00	.757	41.48
26	19/38	.0040	.020	304.00	.920	34.43
24	7/32	.008	.024	448.00	1.356	23.3
24	10/34	.0063	.024	396.90	1.201	26.09
24	19/36	.0050	.024	475.00	1.430	21.08
24	41/40	.0031	.023	394.01	1.160	25.59
22	7/30	.0100	.030	700.00	2.120	14.74
22	19/34	.0063	.031	754.11	2.28	13.73
22	26/36	.0050	.030	650.00	1.97	15.94
20	7/28	.0126	.038	1,119.00	3.46	10.30
20	10/30	.0100	.037	1,000.00	3.025	10.32
20	19/32	.0080	.037	1,216.00	3.68	8.63
20	26/34	.0063	.036	1,031.94	3.12	10.05
20	41/36	.0050	.036	1,025.00	3.10	10.02
18	7/26	.0159	.048	1,769.60	5.36	5.86
18	16/30	.0100	.047	1,600.00	4.84	6.48
18	19/30	.0100	.049	1,900.00	5.75	5.46
18	41/34	.0063	.047	1,627.29	4.92	6.37
18	65/36	.0050	.047	1,625.00	4.91	6.39
16	7/24	.0201	.060	2,828.00	8.56	3.67
16	19/29	.0113	.058	2,426.30	7.35	4.27
16	26/30	.0100	.059	2,600.00	7.87	4.00
16	65/34	.0063	.059	2,579.85	7.81	4.02
16	105/36	.0050	.059	2,625.00	7.95	3.99
14	7/22	.0253	.076	4,480.00	13.56	2.31
14	19/27	.0142	.071	3,830.40	11.59	2.70
14	41/30	.0100	.075	4,100.00	12.40	2.53
14	105/34	.0063	.075	4,167.50	12.61	2.49
12	7/20	.0320	.096	7,168.00	21.69	1.45
12	19/25	.0179	.093	6,087.60	18.43	1.70
12	65/30	.0100	.095	6,500.00	19.66	1.75
10	37/26	.0159	.115	9,353.60	28.31	1.11
10	65/28	.0126	.120	10,319.40	31.90	1.09
10	105/30	.0100	.118	10,500.00	31.76	.98

Information from National Bureau of Standards Copper Wire Tables-Handbook 100.



CABLE COLOR CODES

CHART A

CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR
1–Black	6–Blue	11–White/Black	16–White/Brown
2–White	7–Brown	12–White/Red	17–White/Purple
3–Red	8–Orange	13–White/Green	18–White/Slate
4–Green	9–Slate	14–White/Yellow	19–Black/Red
5–Yellow	10–Purple	15–White/Blue	20–Black/Yellow

CHART B

PAIR NO.	COLOR COMBINATION	PAIR NO.	COLOR COMBINATION	PAIR NO.	COLOR COMBINATION	PAIR NO.	COLOR COMBINATION
1	Black paired with Red	8	Red paired with White	15	Green paired with Blue	22	White paired with Blue
2	Black paired with White	9	Red paired with Green	16	Green paired with Yellow	23	Blue paired with Yellow
3	Black paired with Green	10	Red paired with Blue	17	Green paired with Brown	24	Blue paired with Brown
4	Black paired with Blue	11	Red paired with Yellow	18	Green paired with Orange	25	Blue paired with Orange
5	Black paired with Yellow	12	Red paired with Brown	19	White paired with Blue	26	Brown paired with Yellow
6	Black paired with Brown	13	Red paired with Orange	20	White paired with Yellow	27	Brown paired with Orange
7	Black paired with Orange	14	Green paired with White	21	White paired with Brown		

CHART C

CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR
1–Black	14–Red/Yellow	27–White/Black/Yellow	40–White/Green/Black
2–Red	15–Red/Black	28–White/Black/Blue	41–White/Green/Red
3–White	16–White/Black	29–White/Black/Brown	42–White/Green/Green
4–Green	17–White/Red	30–White/Black/Orange	43–White/Green/Blue
5–Orange	18–White/Green	31–White/Black/Slate	44–White/Green/Brown
6–Blue	19–White/Yellow	32–White/Black/Purple	45–White/Green/Purple
7–Brown	20–White/Blue	33–White/Black/Black	46–White/Blue/Black
8–Yellow	21–White/Brown	34–White/Red/Black	47–White/Blue/Red
9–Purple	22–White/Orange	35–White/Red/Red	48–White/Blue/Green
10–Slate	23–White/Gray	36–White/Red/Green	49–White/Blue/Blue
11–Pink	24–White/Violet	37–White/Red/Blue	50–White/Blue/Brown
12–Tan	25–White/Black/Red	38–White/Red/Brown	
13–Red/Green	26–White/Black/Green	39–White/Red/Purple	

CHART D

CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR
1–Black	4–Green	7–Orange	10–Gray
2–White	5–Brown	8–Yellow	11–Pink
3–Red	6–Blue	9–Purple	12–Tan

CHART E

CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR	CONDUCTOR COLOR
1–Black	14–Green/White	27–Blue/Black/White	40–Red/White/Green
2–White	15–Blue/White	28–Black/Red/Green	41–Green/White/Blue
3–Red	16–Black/Red	29–White/Red/Green	42–Orange/Red/Green
4–Green	17–White/Red	30–Red/Black/Green	43–Blue/Red/Green
5–Orange	18–Orange/Red	31–Green/Black/Orange	44–Black/White/Blue
6–Blue	19–Blue/Red	32–Orange/Black/Green	45–White/Black/Blue
7–White/Black	20–Red/Green	33–Blue/White/Orange	46–Red/White/Blue
8–Red/Black	21–Orange/Green	34–Black/White/Orange	47–Green/Orange/Red
9–Green/Black	22–Black/White/Red	35–White/Red/Orange	48–Orange/Red/Blue
10–Orange/Black	23–White/Black/Red	36–Orange/White/Blue	49–Blue/Red/Orange
11–Blue/Black	24–Red/Black/White	37–White/Red/Blue	50–Black/Orange/Red
12–Black/White	25–Green/Black/White	38–Black/White/Green	
13–Red/White	26–Orange/Black/White	39–White/Black/Green	



CABLE COLOR CODES

CHART F

No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe	No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe	No.	Base Color	1st Stripe	2nd Stripe	3rd Stripe
1	Black				35	White	Red	Orange		69	White	Black	Orange	Green
2	Brown				36	White	Red	Yellow		70	White	Black	Orange	Blue
3	Red				37	White	Red	Green		71	White	Black	Orange	Violet
4	Orange				38	White	Red	Blue		72	White	Black	Orange	Gray
5	Yellow				39	White	Red	Violet		73	White	Black	Yellow	Green
6	Green				40	White	Red	Gray		74	White	Black	Yellow	Blue
7	Blue				41	White	Orange	Yellow		75	White	Black	Yellow	Violet
8	Violet				42	White	Orange	Green		76	White	Black	Yellow	Gray
9	Gray				43	White	Orange	Blue		77	White	Black	Green	Blue
10	White				44	White	Orange	Violet		78	White	Black	Green	Violet
11	White	Black			45	White	Orange	Gray		79	White	Black	Green	Gray
12	White	Brown			46	White	Yellow	Green		80	White	Black	Blue	Violet
13	White	Red			47	White	Yellow	Blue		81	White	Black	Blue	Gray
14	White	Orange			48	White	Yellow	Violet		82	White	Black	Violet	Gray
15	White	Yellow			49	White	Yellow	Gray		83	White	Brown	Red	Orange
16	White	Green			50	White	Green	Blue		84	White	Brown	Red	Yellow
17	White	Blue			51	White	Green	Violet		85	White	Brown	Red	Green
18	White	Violet			52	White	Green	Gray		86	White	Brown	Red	Blue
19	White	Gray			53	White	Blue	Violet		87	White	Brown	Red	Violet
20	White	Black	Brown		54	White	Blue	Gray		88	White	Brown	Red	Gray
21	White	Black	Red		55	White	Violet	Gray		89	White	Brown	Orange	Yellow
22	White	Black	Orange		56	White	Black	Brown	Red	90	White	Brown	Orange	Green
23	White	Black	Yellow		57	White	Black	Brown	Orange	91	White	Brown	Orange	Blue
24	White	Black	Green		58	White	Black	Brown	Yellow	92	White	Brown	Orange	Violet
25	White	Black	Blue		59	White	Black	Brown	Green	93	White	Brown	Orange	Gray
26	White	Black	Violet		60	White	Black	Brown	Blue	94	White	Brown	Yellow	Green
27	White	Black	Gray		61	White	Black	Brown	Violet	95	White	Brown	Yellow	Blue
28	White	Brown	Red		62	White	Black	Brown	Gray	96	White	Brown	Yellow	Violet
29	White	Brown	Orange		63	White	Black	Red	Yellow	97	White	Brown	Yellow	Gray
30	White	Brown	Yellow		64	White	Black	Red	Green	98	White	Brown	Green	Blue
31	White	Brown	Green		65	White	Black	Red	Blue	99	White	Brown	Green	Violet
32	White	Brown	Blue		66	White	Black	Red	Violet					
33	White	Brown	Violet		67	White	Black	Red	Gray	100	White	Brown	Green	Gray
34	White	Brown	Gray		68	White	Black	Orange	Yellow					

CHART G

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	White paired with Black	27	Red paired with Green	53	White/Black paired with Violet	78	White/Orange paired with Green
2	White paired with Brown	28	Red paired with Blue	54	White/Black paired with Gray	79	White/Orange paired with Blue
3	White paired with Red	29	Red paired with Violet	55	White/Brown paired with Black	80	White/Orange paired with Violet
4	White paired with Orange	30	Red paired with Gray	56	White/Brown paired with Brown	81	White/Orange paired with Gray
5	White paired with Yellow	31	Orange paired with Yellow	57	White/Brown paired with Red	82	White/Yellow paired with Black
6	White paired with Green	32	Orange paired with Green	58	White/Brown paired with Orange	83	White/Yellow paired with Brown
7	White paired with Blue	33	Orange paired with Blue	59	White/Brown paired with Yellow	84	White/Yellow paired with Red
8	White paired with Violet	34	Orange paired with Violet	60	White/Brown paired with Green	85	White/Yellow paired with Orange
9	White paired with Gray	35	Orange paired with Gray	61	White/Brown paired with Blue	86	White/Yellow paired with Yellow
10	Black paired with Brown	36	Yellow paired with Green	62	White/Brown paired with Violet	87	White/Yellow paired with Green
11	Black paired with Red	37	Yellow paired with Blue	63	White/Brown paired with Gray	88	White/Yellow paired with Blue
12	Black paired with Orange	38	Yellow paired with Violet	64	White/Red paired with Black	89	White/Yellow paired with Violet
13	Black paired with Yellow	39	Yellow paired with Gray	65	White/Red paired with Brown	90	White/Yellow paired with Gray
14	Black paired with Green	40	Green paired with Blue	66	White/Red paired with Red	91	White/Green paired with Black
15	Black paired with Blue	41	Green paired with Violet	67	White/Red paired with Orange	92	White/Green paired with Brown
16	Black paired with Violet	42	Green pair with Gray	68	White/Red paired with Yellow	93	White/Green paired with Red
17	Black paired with Gray	43	Blue paired with Violet	69	White/Red paired with Green	94	White/Green paired with Orange
18	Brown paired with Red	44	Blue paired with Gray	70	White/Red paired with Blue	95	White/Green paired with Yellow
19	Brown paired with Orange	45	Violet paired with Gray	71	White/Red paired with Violet	96	White/Green paired with Green
20	Brown paired with Yellow	46	White/Black paired with Black	72	White/Red paired with Gray	97	White/Green paired with Blue
21	Brown paired with Green	47	White/Black paired with Brown	73	White/Orange paired with Black	98	White/Green paired with Violet
22	Brown paired with Blue	48	White/Black paired with Red	74	White/Orange paired with Brown	99	White/Green paired with Gray
23	Brown paired with Violet	49	White/Black paired with Orange	75	White/Orange paired with Red	100	White/Blue paired with Black
24	Brown paired with Gray	50	White/Black paired with Yellow	76	White/Orange paired with Orange	101	White/Blue paired with Brown
25	Red paired with Orange	51	White/Black paired with Green	77	White/Orange paired with Yellow	102	White/Blue paired with Red
26	Red paired with Yellow	52	White/Black paired with Blue				





It's a Fact!

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ALPHA/WEICO BELDEN/WEICO

Cross Reference Guide

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BRAID, TINNED COPPER FLAT TUBULAR

BUS BAR, TINNED COPPER SOFT DRAWN HARD DRAWN

CABLE COAXIAL COMMUNICATION COMPUTER CONTROL FLAT INSTRUMENTATION LOW CAPACITANCE MULTICONDUCTOR MULTIPAIR POWER CORDS (SO, SJO, ETC.) RG SHIELDED TEFLON UNSHIELDED WELDING

HOOK-UP WIRE IRRADIATED POLYALKENE IRRADIATED POLYOLEFIN IRRADIATED POLYVINYLIDENE IRRADIATED PVC IRRADIATED TEFLON KYNAR MTW POLYOLEFIN PVC PVC, NYLON COATED TEFLON TEFLON THHN

LINE CORDS SHIELDED UNSHIELDED

TUBING (SHRINK) POLYOLEFIN TEFLON KYNAR NEOPRENE PVC MULTIPLE WALL ADHESIVE LINED VITON

TUBING (NON-SHRINK) TEFLON PVC FIBERGLASS, HEAT TREATED FIBERGLASS, SILICONE RUBBER COATED FIBERGLASS, PLASTIC IMPREGNATED BRAIDED POLYESTER, EXPANDABLE

ALPHA ► WEICO	
286	9014
289	9012
292	9010
292/8	9008
295	9016
296	9018
297	9020
298	9022
299	9024
299/1	9026
299/2	9028
299/3	9030
501	30407/ECC
504	30410/16ECC
506F	33410/14ECC
507F	33207/ECC
508F	33210/ECC
531	31407/ECC
531F	34407/ECC
532	31410
533	31407/16
534F	34410/16ECC
535	31275/ECC
535F	34407/14ECC
536F	34410/14ECC
538	33410/ECC
543	32275/ECC
544	31208
545	31275
546	32408/16
547F	33209/ECC
615	30306
633	31310/16
636	31310
706/4	8904
712/4	8905
775	30106
776	30108
777	30206
778	30308
780	30406
781	30508
782	30312
783	30309/16
784	30312/16
787	30208
788	30309/14
789	30315/14
1064	8924
1072	9924*
1101	WS332
1102	WS432
1115	WS230
1116	WS330
1120	9923
1131C	7202
1132C	7204
1133C	7206
1134C	7208
1135C	7210*

ALPHA ► WEICO	
1136C	7212
1138C	7216
1139C	7218
1142C	7224
1145C	7230
1149C	7238
1151C	7254
1172C	4002
1173C	4003
1174C	4004
1175C	4005
1176C	4006
1177C	4007
1178C	4008
1179C	4009
1180C	4010
1181C	4012
1181/15C	4015
1181/20C	4020
1181/25C	4025
1181/30C	4030
1181/40C	4040
1181/50C	4050
1181/60C	4060
1212C	7302
1213C	7503
1214C	7504
1215C	7505*
1216C	7506*
1217C	7507
1218C	7508
1219C	7509
1219/10C	7510
1219/15C	7515*
1219/20C	7520*
1219/25C	7525*
1219/40C	7540*
1219/50C	7550*
1221	BF-.025
1222	BF-1/32
1223	BF-3/64
1224	BF-3/32
1229	BF-1/8
1230	BF-3/16
1231	BF-1/4
1232	BF-3/8
1233	BF-5/8
1233/2	BF-1/2
1234	BF-3/4
1235	BF-1
1239	BF-1 3/8
1240	BF-1 1/2
1241	BF-1 3/4
1242	BF-2
1244	8920
1247/6	RJ-620
1292C	7602*
1293C	7603*
1294C	7604*
1296C	7606*

ALPHA ► WEICO	
1298C	7608*
1299/10C	7610
1299/15C	7615*
1299/20C	7620*
1299/25C	7625*
1299/30C	7630*
1299/40C	7640*
1299/50C	7650*
1300C	7102
1302C	7104
1304C	7106
1305C	7108
1306C	7110*
1307C	7112
1307/9C	7118
1308/11C	7122
1309C	7126
1309/15C	7130
1310C	7132*
1311C	7138
1312C	7146*
1313C	7154
1316C	7002
1317C	7004
1318C	7006
1319C	7008
1320C	7010*
1322C	7012
1323C	7018
1324C	7022
1325C	7024
1327C	7030
1327/19C	7038
1328C	7046*
1329C	7054
1330C	7054/51
1382	M5086/1-20-9
1384	M5086/1-16-9
1388	M5086/2-8-9
1389	M5086/2-6-9
1389/2	M5086/2-2-9
1389/4	M5086/2-4-9
1550	1624
1551	1622
1553	1620
1555	1618
1557	1616
1559	1614
1560	1612
1561	1622/1
1561/24	1624/1
1563	1620/1
1565	1618/1
1571	1822
1573	1820
1575	1818
1577	1816
1579	1314
1632	9912
1636	9913

*Suggested alternate. Consult factory for minor constructional differences.

ALPHA/WEICO CROSS REFERENCE

ALPHA ► WEICO	
1639	9914
1651	1312
1653	1310/105
1655	3208*
1685	1730
1686	1728
1687	1726
1688	1724
1689	1722
1690	1720
1712	9401
1713	9402
1715	9403
1716	9404
1717	9405
1719	9406
1721	9407
1723	9408
1726	9409
1728	9410
1735	9450
1736C	9451
1737C	9452
1738C	9453
1740	9454
1741C	9455
1742C	9456
1743C	9457
1745C	9458
1746C	9459
1747C	9460
1747/4C	9461
1748C	9462
1749C	9463
1793C	7102
1805	9916
1807	9997
1830	1224
1831	1222
1832	1220
1833	1218
1834	1216/19
1835	1214/19
1836	1212/19
1851	1130
1852	1128
1853	1126
1854	1124
1854/19	1124/19
1855	1122
1855/19	1122/19
1856	1120
1856/19	1120/19
1857	1118
1857/19	1118/19
1858/19	1116/19
1859/19	1114/19
1864/19	1924/19
1865	1922
1865/19	1922/19

ALPHA ► WEICO	
1866/19	1920/19
1867	1918
1867/19	1918/19
1868/19	1916/19
1869/19	1914/19
1871	1322
1872	1320
1873	1318
1874	1316/19
1875	1314/19
1876	1312/19
1877	1310
1878	1308
1879	1306
1891C	9936
1895C	4002/20
1896C	4003/20
1896/4C	4004/20
1896/5C	4005/20
1896/6C	4006/20
1896/7C	4007/20
1896/8C	4008/20
1896/9C	4009/20
1896/10C	4010/20
1896/12C	4012/20
1896/15C	4015/20
1897C	4002/18
1898C	4003/18
1898/4C	4004/18
1898/5C	4005/18
1898/6C	4006/18
1898/7C	4007/18
1898/8C	4008/18
1898/9C	4009/18
1898/10C	4010/18
1898/12C	4012/18
1898/15C	4015/18
1898/19C	4019/18
1898/25C	4025/18
1899C	4002/16
1899/3C	4003/16
1899/4C	4004/16
1931	SV0-218
1932	NJO-218
1932/3	NJO-318
1933	NJO-216
1933/3	NJO-316
1934	NO-218
1934/3	NO-318
1934/4	NO-418
1935	NO-216
1935/3	NO-316
1935/4	NO-416
1936	NO-214
1936/3	NO-314
1936/4	NO-414
1937	NO-212
1937/3	NO-312
1937/4	NO-412
1938	NO-210

ALPHA ► WEICO	
1938/3	NO-310
1938/4	NO-410
1941/3	SJT-318-ECC
1941/3F	SJT-318-S
1951	SV-218
1951/3	SV-318
1951/3T	SVT-318-0
1952	RJ-218
1952/3	RJ-318
1952/3T	SJT-318
1953	RJ-216
1953/3	RJ-316
1953/3T	SJT-316-0
1977	SPT1-218
2160	BT-1/32
2162	BT-1/16
2163	BT-5/64
2164	BT-7/64
2166	BT-1/8
2167	BT-5/32
2168	BT-11/64
2170	BT-13/64
2171	BT-1/4
2171/1	BT-9/32
2172	BT-3/8
2173	BT-7/16
2174	BT-1/2
2175	BT-9/16
2175/1	BT-21/32
2176	BT-25/32
2177	BT-7/8
2178	BT-1
2211C	7702*
2212C	7704*
2213C	7706*
2214C	7708*
2215C	7710*
2216C	7712*
2219C	7718*
2219/15C	7730*
2219/19C	7738*
2219/27C	7754*
2254	9303
2254/1	9302
2254/3	9304
2254/4	9305
2254/6	9306
2255	9301
2256	9308
2256/1	9307
2256/3	9309
2256/4	9310
2256/6	9311
2258	9314
2258/1	9312
2258/3	9315
2258/4	9316
2260	9317
2260/3	9318
2265	9319

ALPHA ► WEICO	
2265/3	9320
2400C	9201
2401C	9202
2402C	9203
2403C	9204
2404C	9205
2411C	9206
2412C	9207
2413C	9208
2414C	9209
2421C	9210
2422C	9211
2423C	9212
2424C	9214
2432C	9215
2433C	9216
2460C	9217*
2461C	9218*
2466C	8004
2811	5124GB
2814	5122GB
2821	5124
2821/2	5224
2821/3	5324
2821/4	5424
2821/5	5524
2821/6	5624
2823	5112
2823/2	5212
2823/3	5312
2823/4	5412
2824	5122
2824/2	5222
2824/3	5322
2824/4	5422
2824/5	5522
2824/6	5622
2824/7	5722
2825	5114
2825/2	5214
2825/3	5314
2825/4	5414
2826	5116
2826/2	5216
2826/3	5316
2826/4	5416
2826/5	5516
2826/6	5616
2827	5120
2827/2	5220
2827/3	5320
2827/4	5420
2827/5	5520
2827/6	5620
2829	5118
2829/2	5218
2829/3	5318
2829/4	5418
2829/5	5518
2829/6	5618

ALPHA ► WEICO	
2831	WS5124
2831/2	WS5224
2831/3	WS5324
2834/2	WS5222
2834/3	WS5322
2837	WS5120
2837/2	WS5220
2837/3	WS5320
2840/7	2332
2841/1	2930
2841/7	2330
2842/1	2928
2842/7	2328
2842/19	2328/19
2843/1	2926
2843/7	2326
2843/19	2326/19
2844/1	2924
2844/7	2324
2844/19	2324/19
2845/7	2322
2845/19	2322/19
2850	2132
2851	2130
2852	2128
2853	2126
2853/1	2826
2853/19	2126/19
2854	2124/19
2854/1	2824
2854/7	2124
2855	2122/19
2855/1	2822
2855/7	2122
2856	2120/19
2856/1	2820
2856/7	2120
2857	2118/19
2857/1	2818
2858	2116/19
2859	2114/19
2859/10	2110/19
2859/12	2112/19
2874	2224/19
2875	2222/19
2876	2220/19
2877	2218/19
2878	2216/19
2879	2214/19
2879/8	2208
2879/10	2210
2879/12	2212/19
3048	3028
3049	3026
3050	3024
3051	3022
3053	3020
3055	3018
3057	3016
3070	3224

*Suggested alternate. Consult factory for minor constructional differences.

ALPHA/WEICO CROSS REFERENCE

ALPHA ► WEICO		ALPHA ► WEICO		ALPHA ► WEICO		ALPHA ► WEICO		ALPHA ► WEICO	
3071	3222	3542	9906	4630	NO-3016	5068C	4008/18	5199/10C	7610
3073	3220	3542/7	9907	4705	NO-514	5070C	4010/18	5199/15C	7615
3075	3218	3550	8907	4706	NO-614	5070/15C	4015/18	5199/20C	7620
3077	3216	3552	9908	4707	NO-714	5070/25C	4025/18	5199/25C	7625
3079	3214	3580/9	WR-9	4708	NO-814	5072C	4102/16	5199/30C	7630
3080	3212	3580/10	WR-10	4709	NO-914	5073C	4103/16	5199/40C	7640
3081	3210	3580/14	WR-14	4710	NO-1014	5074C	4004/16*	5199/50C	7650
3154	1524	3580/15	WR-15	4712	NO-1214	5093C	7503*	5212C	4212
3155	1522	3580/16	WR-16	4805	NO-512	5094C	7504*	5213C	4215
3156	1520	3580/20	WR-20	4806	NO-612	5096C	7506*	5216C	4237
3157	1518	3580/24	WR-24	4807	NO-712	5098C	7508*	5220C	8923
3200	6126	3580/25	WR-25	4808	NO-812	5100C	7510	5269C	7418
3201	6226	3580/26	WR-26	4809	NO-912	5100/15C	7515*	5269/11C	7422
3202	6326	3580/34	WR-34	4810	NO-1012	5100/20C	7520*	5269/15C	7430
3203	6426	3580/37	WR-37	4812	NO-1212	5100/25C	7525*	5274C	9503
3210	6124	3580/40	WR-40	4816	NO-1612	5100/30C	7530*	5279/19C	9509
3211	6224	3580/50	WR-50	4818	NO-1812	5100/40C	7540*	5300C	9543
3212	6324	3580/60	WR-60	4825	NO-510	5100/50C	7550*	5336C	9576
3213	6424	3580/64	WR-64	4826	NO-610	5102C	9102	5340C	9579
3220	6122	3583/9	WC-9	4828	NO-810	5103C	9103	5362C	8602/16*
3221	6222	3583/10	WC-10	4830	NO-1010	5104C	9104	5363C	8603/16*
3222	6322	3583/14	WC-14	5002C	4102	5106C	9106	5364C	8604/16*
3223	6422	3583/15	WC-15	5003C	4103	5108C	9108	5366C	8606/16*
3230	6120	3583/16	WC-16	5004C	4104	5110C	9110	5368C	8608/16*
3231	6220	3583/20	WC-20	5006C	4106	5110/15C	9115	5370C	8610/16*
3232	6320	3583/24	WC-24	5008C	4108	5110/20C	9120	5370/15C	9950
3233	6420	3583/25	WC-25	5010C	4110	5110/25C	9125	5382C	9951
3240	6118	3583/26	WC-26	5010/15C	4115	5110/30C	9130	5383C	8603/18*
3241	6218	3583/34	WC-34	5010/20C	4120	5110/40C	9140	5384C	8604/18*
3242	6318	3583/37	WC-37	5010/25C	4125	5110/50C	9150	5386C	8606/18*
3243	6418	3583/40	WC-40	5010/30C	4130	5110/60C	9160	5388C	8608/18*
3245	6116	3583/50	WC-50	5010/40C	4140	5110/70C	9170	5390C	8610/18*
3246	6216	3583/60	WC-60	5010/50C	4150	5110/80C	9180	5390/15C	8615/18*
3247	6316	3583/64	WC-64	5021C	4002*	5110/90C	9190	5390/20C	8620/18*
3248	6416	3590/14	WSJ-14	5022C	7004*	5110/00C	9100	5390/25C	8625/18*
3249	3326	3590/16	WSJ-16	5023C	7006*	5114C	8204	5444C	9937
3250	3324	3590/20	WSJ-20	5024C	7008*	5156C	9931	5462C	9933
3251	3322	3590/25	WSJ-25	5025C	7010*	5162C	9102/18	5471C	7302
3252	3320	3590/26	WSJ-26	5026C	7012*	5163C	9103/18	5472C	7304
3253	3318	3590/34	WSJ-34	5029C	7018*	5164C	9104/18	5473C	7306
3254	3316	3590/40	WSJ-40	5029/11C	7022*	5166C	9106/18	5474C	7308
3463	9103/28	3590/50	WSJ-50	5029/15C	7030*	5168C	9108/18	5475C	7310
3464C	9104/28	3590/60	WSJ-60	5029/19C	7038*	5170C	9110/18	5476C	7312
3465C	9105/28	4505	NO-518	5029/27C	7054*	5170/15C	9115/18	5477C	7314
3466C	9106/28	4506	NO-618	5032C	7204	5170/20C	9120/18	5478C	7316
3467C	9107/28	4508	NO-818	5033C	7206	5170/25C	9125/18	5479C	7318
3468C	9108/28	4509	NO-918	5036C	7212	5172C	9102/16	5480C	7320
3469C	9109/28	4510	NO-1018	5039C	7218	5173C	9103/16	5480/15C	7330
3470C	9110/28	4605	NO-516	5039/12C	7224	5174C	9104/16	5480/19C	7338
3470/15C	9115/28	4606	NO-616	5039/15C	7230	5176C	9106/16	5480/25C	7350
3470/25C	9125/28	4607	NO-716	5039/19C	7238	5178C	9108/16	5480/50C	7300
3470/37C	9137/28	4608	NO-816	5039/27C	7254	5180C	9110/16	5481C	7702
3470/50C	9150/28	4610	NO-1016	5054C	4004/20*	5180/15C	9115/16	5482C	7704
3530	8910	4612	NO-1216	5056C	4006/20*	5180/20C	9120/16	5483C	7706
3530/7	9902	4614	NO-1416	5058C	4008/20*	5180/25C	9125/16	5484C	7708
3531	9903	4616	NO-1616	5060C	4010/20*	5192C	7602	5485C	7710
3532	9904	4620	NO-2016	5060/15C	4015/20*	5193C	7603	5486C	7712
3533/7	9905	4622	NO-2216	5062C	7202	5194C	7604	5489C	7718
3540	8908	4624	NO-2416	5063C	4103/18	5196C	7606	5489/11C	7722
3540/7	8909	4626	NO-2616	5064C	4004/18	5198C	7608	5489/15C	7730

*Suggested alternate. Consult factory for minor constructional differences.

ALPHA/WEICO CROSS REFERENCE

ALPHA ► WEICO	
5489/19C	7738
5489/27C	7754
5489/51C	7701
5610B1802	9955*
5640B2001	9988*
5830	2424/19
5831	2422/19
5832	2420/19
5840	2524/19
5841	2522/19
5842	2520/19
5850	2132
5851	2130
5852	2128
5853	2126
5853/19	2126/19
5854	2124/19
5854/7	2124
5855	2122/19
5855/7	2122
5856	2120/19
5856/7	2120
5857	2118/19
5858	2116/19
5859	2114/19
5859/10	2110/19
5859/12	2112/19
5860	9896
5861	9895
5862	9894
5863	9893
5864	9892
5874	2224/19
5875	2222/19
5876	2220/19
5877	2218/19
5878	2216/19
5879	2214/19
5879/8	2208
5879/10	2210
5879/12	2212/19
5951	2030
5952	2028
5953	2026
5954	2024
6000C	8106
6002C	8112
6004C	8118
6006C	8122
6008C	8130
6010C	8006
6012C	8012
6014C	8018
6016C	8022
6017C	8024
6018C	8030
6019C	8034*
6020C	8038
6022C	8054
6023C	8006/18

ALPHA ► WEICO	
6024C	8012/18
6025C	8018/18
6026C	8024/18
6027C	8030/18
6079/15C	9930
6112	1006
6113	1004
6114	1003
6115	1002
6116	1001
6117	1010
6118	1020
6119	1030
6120	1040
6222C	8702/24
6223C	8703/24
6224C	8704/24
6225C	8705/24
6226C	8706/24
6227C	8707/24
6228C	8708/24
6230C	8710/24
6230/12C	8712/24
6230/15C	8715/24
6230/18C	8718/24
6230/25C	8725/24
6327	9103/24
6328	9104/24
6329	9105/24
6330	9106/24
6331	9107/24
6332	9108/24
6333	9109/24
6334	9110/24
6335	9115/24
6336	9125/24
6337	9137/24
6338	9150/24
6390	8702
6391	8703
6392	8704
6393	8705
6394	8707
6395	8709
6396	8712
6397	8713
6398	8718
6399	8725
6400	8731
6623	6503
6624	6504
6632	6505
7023	3524/19
7024	3522/19
7025	3520/19
7026	3518/19
7027	3516/19
7035	1451UL
7036	1452UL
7044	3618

ALPHA ► WEICO	
7045	3616/19*
7046	3614/41
7047	3612/65
7048	3610/105
7053	1426
7054	1424
7054/19	1424/19
7055	1422
7055/19	1422/19
7056	1420
7056/19	1420/19
7057	1418
7057/19	1418/19
7058/19	1416/19
7130	1446UL
7131	1447UL
7132	1448UL
7133	1449UL
7134	1450UL
7161	1422/1
7215	3718/16
7216	3716/26
7217	3714/41
7218	3712/65
7404	9909
7405	9510
7406	9511
7408	9512
7410	9514
7413	9517
7415	9996
7622	6602
7623	6603
7631	6605
7632	6606
7662	6610
7801	9972
9006A	W006A
9008A	W008A
9011A	W011A
9055B	W055B
9058	W058
9058A	W058A
9058AC	W058A
9058C	W058C
9058X	W058
9059	W059
9059B	W059B
9059C	W059
9062	W062
9062A	W062A
9062AC	W062A
9063B	W063B
9101	WP60D
9102	WP59
9104	WP06
9105	WP11
9109	WP01
9158	WP60*
9158S	WP58

ALPHA ► WEICO	
9159	WP60*
9162F	WP62
9174	W174
9178B	W178B
9179B	W179B
9180B	W180B
9187A	W187A
9188A	W188A
9195A	W195A
9196A	W196A
9212	W212
9213	W213
9214	W214
9217	W217
9223	W223
9316	W316
9803	W059F
9807	W703
9815	8922
9818	W701
9845	W059BD
9848	8918
9851	8929
9851F	WP02
45499/11	9954
58114	9822/7
58134	9823*
58401	9830
58431	9820*
58612	9867
58613	9868
58902	9861*
58903	9862*
58904	9863*
58906	9864*
58909	9865*
58912	9866*
391040	10SRT10*
391045	10SRT15*
391097	10SRT40*
391245	12SRT15
391250	12SRT20
391262	12SRT25
391275	12SRT30
391297	12SRT40
391440	14SRT10
391445	14SRT15
391450	14SRT20
391462	14SRT25
391475	14SRT30
391497	14SRT40
391640	16SRT10
391645	16SRT15
391650	16SRT20
391662	16SRT25
391675	16SRT30
391697	16SRT40
391840	18SRT10
391845	18SRT15
391850	18SRT20

ALPHA ► WEICO	
391862	18SRT25
391875	18SRT30
391897	18SRT40
392040	20SRT10*
392045	20SRT15*
392050	20SRT20*
392062	20SRT25*
392075	20SRT30*
392097	20SRT40*
392240	22SRT10
392245	22SRT15
392250	22SRT20
392262	22SRT25
392275	22SRT30
392297	22SRT40
AT121925	2412/19
AT141927	2414/19
AT161929	2416/19
AT181930	2418/19
AT201932	2420/19
AT221934	2422/19
AT241936	2424/19
AT261938	2426/19
AZ123728	4312/19*
AZ141927	4314/19
AZ161929	4316/19
AZ181930	4318/19
AZ201932	4320/19
AZ221934	4322/19
AZ241936	4324/19
FIT-105	SPV
FIT-221	SPO
FIT-221 V	SPO(FR)
FIT-260	SPO-GN/YL
FIT-300	SMW
FIT-321	STL
FIT-350	SKY
FIT-400	SFT
FIT-500	STT
FIT-600	SNE
FIT-650	SVI
FIT-750	SAW
GRP-110	XPT
GRP-120	XFR
LC-133	9999
LC-134	9929
LC-136	9915
PIF-130	FG
PIF-200	RSF
PIF-240	HTG
PVC-105	PV
SW	SR
TFT-200	TT
TFT-250	TS
TFT-400	ETT
ZIP-31	ZT-31

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BELDEN/WEICO CROSS REFERENCE

BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO	
1248A	9702	8267	W213	8668	8902	9157	7208	9552	9955
1249A	9703	8268	W214	8670	BT-9/16	9158	7110	9555	W059BD
1250A	9704	8281	W703	8671	BT-25/32	9159	7210	9608	9103/24
1251A	9706	8403	9402*	8672	BT-1/2	9161	7216	9609	9104/24
1252A	9712	8404	9403*	8674	BT-1/32	9203	W058Q	9610	9105/24
1253A	9725	8405	9404*	8690	7206	9207	W701	9611	9106/24
8011	9012	8417	9927	8691	7212	9228	WS062	9612	9107/24
8012	9014	8441	8919	8692	7218	9251	W008A	9613	9108/24
8013	9016	8442	4002	8723	8004	9259	W059F	9614	9109/24
8019	9018	8443	4003*	8735	9452	9269	W062A	9615	9110/24
8020	9020	8444	4004	8737	9303*	9272	8922	9616	9115/24
8021	9022	8445	4005*	8739	9301*	9273	W223	9617	9125/24
8022	9024	8450	9217	8740	7102	9364	9988	9618	9137/24
8023	9026	8451	9218*	8741	7104	9365	9932	9619	9150/24
8024	9028	8452	SV-218	8742	7106	9420	NO-516*	9626	4025/18*
8025	9030	8453	SV-318	8743	7112	9421	4008	9735	9930
8049	185PN-R	8456	4010	8744	7118	9422	NO-716*	9740	7202
8050	205PN-R	8457	4012	8745	7130	9423	4009	9741	7224
8051	225PN-R	8458	WS4015	8746	7154	9425	NO-1216*	9742	7230
8052	245PN-R	8459	4025*	8747	7012	9427	NO-1616*	9743	7238
8053	265PN-R	8461	4102/18	8748	7018	9429	NO-2016*	9744	7004
8054	285PN-R	8465	4005/18*	8749	7030	9430	4007	9745	7006
8055	305PN-R	8466	4012/18*	8750	7054	9431	WS4020	9746	7008
8056	325PN-R	8467	4007/18	8753	7122	9432	4030*	9747	7024
8057	345PN-R	8468	4015/18*	8754	7126	9433	WS4040	9748	7038
8058	365PN-R	8469	4009/18	8755	7138	9434	4050*	9749	7046
8073	14HEI	8471	4102/16	8756	7146	9439	4007/20*	9768	8024
8074	16HEI	8472	RJ-216	8757	7108	9444	4004/20*	9769	8034
8075	18HEI	8473	4102/14	8759	9308*	9445	4005/20*	9773	8006/18
8076	20HEI	8477	4102/12	8760	9210	9455	4009/20*	9774	8012/18
8077	22HEI	8478	RJ-218	8761	9202	9457	4012/20*	9775	8018/18
8078	24HEI	8479	RJ-314	8762	9206*	9458	4015/20*	9776	8024/18
8079	26HEI	8489	4004/18	8764	8118*	9462	WS7702	9777	8030/18
8080	28HEI	8500	1116/19	8765	8122*	9495	9901	9803	9925
8081	30HEI	8501	1118	8766	8130*	9501	7302	9804	8702
8083	34HEI	8502	1120	8767	8106*	9502	7304	9805	8703
8085	38HEI	8503	1122	8768	8112*	9503	7306	9806	8704
8102	8702/24	8504	1124	8769	8038	9504	7308	9807	8705
8103	8703/24	8505	1126	8770	9212	9505	7310	9808	8707
8104	8704/24	8509	1124/19	8771	9204	9506	7312	9809	8709
8105	8705/24	8520	1614	8772	9208*	9507	7314	9812	8712
8106	8706/24	8521	1616	8773	8054	9508	7316	9813	8713
8107	8707/24	8522	1618	8774	8018	9509	7318	9814	8731
8108	8708/24	8523	1620	8775	8022	9510	7320	9819	8718
8110	8710/24	8524	1622	8776	8030	9515	7330	9825	8725
8112	8712/24	8525	1624	8777	8006	9519	7338	9857	W063B
8115	8715/24	8527	1612	8778	8012	9525	7350	9859	W108A
8118	8718/24	8529	1220/1	8780	9317*	9533	7503	9880	8929
8125	8725/24	8530	1222/1	8790	9314*	9534	7504	9883	9926
8205	4102/20	8538	1224/1	8791	9315*	9535	7505	9904	3204
8216	W174	8597	1128	8897	9914	9536	7506	9906	3206
8218	W702	8598	1130	8899	9913	9537	7507	9908	3208*
8237	W008	8618	8926	8908	3208	9538	7508	9910	3210*
8238	W011	8619	4019/18*	8910	3210	9539	7509	9911	3318*
8240	W058	8620	8924	8915	3218/1	9540	7510	9912	3212
8241	W059	8622	9924	8916	3214	9541	7515	9913	WL08
8254	W062	8641	9201	8917	3216	9542	7520	9916	3016
8255	W062B	8643	WS330TCB	8918	3218	9543	7525	9917	3320*
8259	W058A	8653	BT-1/16	8919	3220	9544	7530	9918	3018
8261	W011A	8654	BT-5/64	8920	3222	9545	7540	9919	3020*
8262	W058C	8657	BT-21/32	9154	9207*	9546	7550	9920	3020
8263	W059B	8661	BT-13/64	9156	7204	9550	7300	9921	3022

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BELDEN/WEICO CROSS REFERENCE

BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO		BELDEN ► WEICO	
9923	3024	17635	30315/14	35616	3716/26	83333E	5324	9L28037	WR-37
9924	3224	17660	34207/ECC	35618	3718/16	83334E	5322	9L28040	WR-40
9926	3026	17740	33207/ECC	81553	M17/176-00002	83335E	5320	9L28050	WR-50
9939	9103*	17741	33210/ECC	82241	WP59	83336E	5318	9L28060	WR-60
9940	9104*	17742	33209/ECC	83000	2130	83337E	5316	9L28064	WR-64
9942	9106*	17748	30407/ECC*	83001	2128	83347E	5426/7	9L28320	WSJ-20*
9944	9108*	17952	31208	83002	2126	83348E	5424	9L28325	WSJ-25*
9946	9110	19120	SV-218	83003	2124/19	83349E	5422	9L28326	WSJ-26*
9947	9115*	19122	SPT1-218	83004	2124	83350E	5420	9L28334	WSJ-34*
9948	9125*	19124	RJ-316*	83005	2122	83351E	5418	9L28340	WSJ-40*
9950	9150*	19125	RJ-318*	83006	2122/19	83352E	5416	9L28350	WSJ-50*
9951	6116*	19129	RJ-318	83007	2120/19	83412	1426	9L28360	WSJ-60*
9952	6216*	19130	RJ-316	83008	2120	83413	1424	9R28010	WC-10
9953	6316*	19140	SVT-218	83009	2118/19	83414	1422	9R28014	WC-14
9954	6416*	19201	NO-212	83010	2116/19	83415	1420	9R28015	WC-15
9961	6120*	19202	NO-214	83023	2224/19	83416	1418	9R28016	WC-16
9962	9974	19203	NO-216	83025	2222	83423	1424/19	9R28020	WC-20
9963	6320*	19204	NO-218	83026	2222/19	83424	1422/19	9R28024	WC-24
9964	6420*	19205	NO-310	83027	2220/19	83425	1420/19	9R28025	WC-25
9965	9976	19206	NO-312	83028	2220	83443	1446UL	9R28026	WC-26
9966	6222*	19207	NO-314	83029	2218/19	83444	1477UL	9R28034	WC-34
9967	6322*	19208	NO-316	83030	2216/19	83445	1448UL	9R28037	WC-37
9968	6422*	19209	NO-318	83041	2332	83346	1449UL	9R28040	WC-40
9980	3316	19215	NO-410	83043	2330	83709	9850	9R28050	WC-50
9981	3318*	19216	NO-412	83045	2328	84142	W142B	9R28060	WC-60
9982	3320	19217	NO-414	83046	2326	84316	W316	9R28064	WC-64
9983	3322	19227	NJO-218	83047	2324	86262	WP62	YQ2-9-12	2712/19
9984	3324	19228	NJO-216	83048	2324/19	87292	WP11	YQ2-9-14	2714/19
9985	3326	19229	NJO-318	83049	2322	88240	WP58	YQ2-9-16	2716/19
9986	3328	19230	NJO-316	83050	2322/19	88241	WP60*	YQ2-9-18	2718/19
17236	30106	19348	SJT-318	83073	2426/19	88489	9826*	YQ2-9-20	2720/19
17237	30206	19349	SJT-316	83074	2424/19	88723	9867	YQ2-9-22	2722/19
17238	30108	19350	SVT-318	83075	2422/19	88741	9828*	YQ2-9-24	2724/19
17239	30208	19352	SJT-318-ECC	83076	2420/19	88742	9829*	YQ2-9-26	2726/19
17250	31275	19353	SJT-316	83077	2418/19	88760	9820*	YQ2-11-12	2412/19
17251	31275/ECC	19362	SJT-318-S	83084	4324/19	88777	9868	YQ2-11-14	2414/19
17255	32408/16	19402	SVT-318-ECC	83085	4322/19	89108	WP59	YQ2-11-16	2416/19
17258	31208	30606	3206*	83086	4320/19	89120	WP06	YQ2-11-18	2418/19
17280	32275/ECC	30608	3208*	83087	4318/19	89207	WP01	YQ2-11-20	2420/19
17318	30608	30610	3210*	83242	W142B	89418	9823*	YQ2-11-22	2422/19
17405	30406	30612	3212	83264	W179B	89503	9833	YQ2-11-24	2424/19
17406	30306	30614	3214	83265	W178B	89504	9834	YQ2-11-26	2426/19
17408	30308	30616	3216	83266	W180B	89555	WP60D	YQ2-11-28	2428
17409	30508	30618	3218	83267	W187A	89740	9824*		
17412	30312	30620	3220	83269	W188A	89880	WP02		
17419	30309/16	30622	3222	83270	W196A	9A22010	9902		
17422	30312/16	30624	3224	83284	W316*	9A22030	9905		
17460	31310	31008	3708/133	83302	5128/7	9A24020	9907		
17461	31310/16	31012	3712/65	83303E	5126/7	9A26020	9908		
17500	31407/ECC	31014	3714/41	83304E	5124	9B22015	9903		
17501	31410	32718	3218PB*	83305E	5122	9B22020	9904		
17502	31407/16	32720	3220/PB	83306E	5120	9B24020	9906		
17504	31407/14ECC	32722	3222PB	83307E	5118	9L28009	WR-9		
17507	33410/ECC	32820	3020PB	83308E	5116	9L28010	WR-10		
17512	30407/ECC	32822	3022PB	83316	5228/7	9L28014	WR-14		
17515	30410/16ECC	33218	3018	83317E	5226/7	9L28015	WR-15		
17600	34407/ECC	33220	3020	83318E	5224	9L28016	WR-16		
17603	34410/16ECC	33222	3022	83319E	5222	9L28020	WR-20		
17604	34407/14ECC	35608	3708/133	83320E	5220	9L28024	WR-24		
17605	34410/14ECC	35610	3710/105*	83321E	5218	9L28025	WR-25		
17617	33410/14ECC	35612	3712/65	83322E	5216	9L28026	WR-26		
17629	30309/14	35614	3714/41	83332E	5326/7	9L28034	WR-34		

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