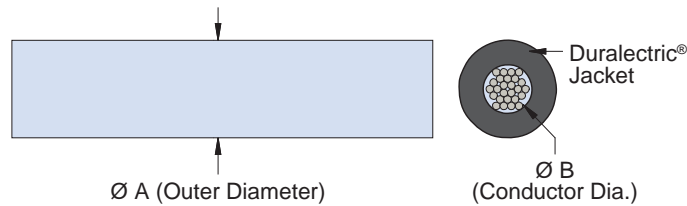


with Duraelectric™ L jacket for weight savings and best abrasion resistance • 961-041

961-041 TURBOFLEX WITH DURALECTRIC L (LIGHT) JACKET, .025" WALL, 1250 VAC

■ TurboFlex with weight-saving Duraelectric L (light) jacket: 25% lighter than original Duraelectric, best abrasion resistance, same great fluid/fire resistance as original Duraelectric

How to Order TurboFlex®				
Sample Part Number	961-041	-T	-A	-2
Basic No.	TurboFlex with Duraelectric L (light) Jacket			
Conductor Material	-T = Tin/Copper (-60° - 150°C) -S = Silver/Copper (-60° - 200°C) -N = Nickel/Copper (-60° - 260°C)			
Wire Size (See Table I)	R, S, A, B, C, D, E, F, G			
Duraelectric L Jacket Color	See Table II			



AWG Code	AWG	Strand / Count / AWG	Cir Mil (nom)	Ø B in. (mm)	DC Resistance @ 20°C (Ohms / 1000 ft.)			Ampacity (Amps) 40°C Ambient	
					Nickel Copper	Tin Copper	Silver Copper	Nickel Copper	Tin/Silver Copper
R	16	7 X 15/36	2625	.063 (1.60)	4.5510	4.5930	4.2780	40	36
S	14	7 X 24/36	4200	.080 (2.03)	2.8450	2.8710	2.6740	59	54
A	12	7 X 37/36	6475	.099 (2.51)	1.8450	1.8620	1.7340	78	68
B	10	7 X 59/36	10325	.126 (3.20)	1.1570	1.1680	1.0880	107	90
C	8	7 X 95/36	16625	.159 (4.04)	.7188	.7252	.6755	142	124
D	6	7 X 150/36	26250	.200 (5.08)	.4551	.4593	.4278	205	165
E	4	7 X 7 X 34/36	41650	.271 (6.88)	.2979	.3006	.2800	278	220
F	2	7 X 7 X 54/36	66150	.342 (8.69)	.1876	.1893	.1763	381	293
G	1/0	7 X 7 X 86/36	105350	.431 (10.95)	.1178	.1188	.1107	532	399

Weatherproof, halogen free, flame resistant, functional to 260°C		
0	Black	Fed-Std-595C #17038
1	Brown	[TBD]
2	Red	Fed-Std-595C #11120
3	Orange	Fed-Std-595C #12300
4	Yellow	Fed-Std-595C #13591
5	Kelly Green	Fed-Std-595C #14193
6	Blue	Fed-Std-595C #15125
7	Violet	Fed-Std-595C #17142
8	Gray	Fed-Std-595C #26270
9	White	Fed-Std-595C #17875
OG	Dark Olive Green	Fed-Std-595C #34094
DT	Desert Tan	Fed-Std-595C #33446

Consult factory for other specific Fed Std colors

AWG Code	Weight lbs/1000 ft. (nom.)	Ø A in. (mm)	Jacket wall thickness in. (mm)
R	11.60	.113 (2.87)	.025 (.64)
S	17.30	.130 (2.54)	
A	25.40	.149 (3.78)	
B	38.90	.176 (4.47)	
C	60.70	.209 (5.31)	
D	93.60	.250 (6.35)	
E	151.70	.321 (8.15)	
F	237.40	.392 (9.96)	
G	373.70	.481 (12.22)	

NOTES

1. Bend radius is 3X the outer diameter
2. Cable will be marked with "GLENAIR TURBOFLEX LIGHT", wire gauge, part number, CAGE 06324.
3. Jacket thickness tolerance is ±.005