

with Duraelectric™ F jacket, suitable for continuous immersion in fuel, diesel, lubricants, and solvents; fire resistant • 961-051

961-051 TURBOFLEX WITH DURALECTRIC F JACKET, BLUE, .032" WALL, 1000 VAC

- TurboFlex with Duraelectric F jacket for fire resistance and outstanding immersion performance in fuel and harsh fluids
- Resistant to jet fuels and oils and flexible to -65°C
- Suited for harsh environments that require low temp flex such as aircraft and ground vehicle fuel systems

How to Order TurboFlex®				
Sample Part Number	961-051	-N	-A	-6
Basic No.	TurboFlex with Duraelectric F 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 F Jacket	Blue color			

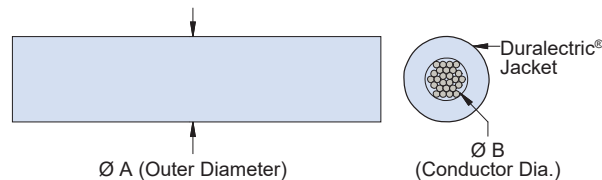


Table I: TurboFlex Wire Size, Dimensions, DC Resistance and Ampacity Ratings										
AWG Code	AWG	Strand / Count / AWG	Cir Mil (nom)	Ø B in. (mm)	DC Resistance @ 20°C (Ohms / 1000 ft.)			Ampacity (A mps) 40°C Ambient		
					Nickel Copper	Tin Copper	Silver Copper or Bare Copper	Nickel Copper	Tin/Silver Copper	Bare Copper
T	20	42/36	1050	.037 (0.94)	10.7178	10.7538	10.0747	16	14	9
R	16	7 X 15/36	2625	.063 (1.60)	4.5510	4.5930	4.2780	40	36	24
S	14	7 X 24/36	4200	.080 (2.03)	2.8450	2.8710	2.6740	59	54	35
A	12	7 X 37/36	6475	.099 (2.51)	1.8450	1.8620	1.7340	78	68	40
B	10	7 X 59/36	10325	.126 (3.20)	1.1570	1.1680	1.0880	107	90	55
C	8	7 X 95/36	16625	.159 (4.04)	.7188	.7252	.6755	142	124	80
D	6	7 X 150/36	26250	.200 (5.08)	.4551	.4593	.4278	205	165	105
E	4	7 X 7 X 34/36	41650	.271 (6.88)	.2979	.3006	.2800	278	220	140
F	2	7 X 7 X 54/36	66150	.342 (8.69)	.1876	.1893	.1763	381	293	190
G	1/0	7 X 7 X 86/36	105350	.431 (10.95)	.1178	.1188	.1107	532	399	260

961-033 Wire Weight and Outer Diameter			
AWG Code	Weight lbs/1000 ft. (nom.)	Ø A in. (mm)	Jacket wall thickness in. (mm)
T	7.60	.101 (2.57)	.032 (0.81)
R	14.40	.127 (3.23)	
S	20.70	.144 (3.66)	
A	29.40	.163 (4.14)	
B	43.90	.190 (4.83)	
C	66.90	.223 (5.66)	
D	101.40	.264 (6.71)	
E	162.40	.335 (8.51)	
F	251.60	.406 (10.31)	
G	392.70	.495 (12.57)	

NOTES

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