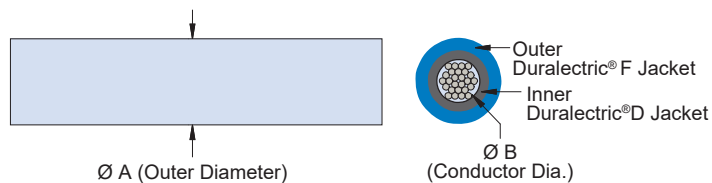


with dual Duraelectric™ D / F jacket, for continuous immersion in fuel, diesel, lubricants, and solvents; fire resistant • 961-051

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

- TurboFlex with dual jacketing, Duraelectric F outside and Duraelectric D inside, 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			



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	Nickel Copper	Tin/Silver Copper
T	20	42/36	1050	.037 (0.94)	10.7178	10.7538	10.0747	16	14
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

AWG Code	Weight lbs/1000 ft. (nom.)	Ø A in. (mm)	Jacket wall thickness in. (mm)
T	7.90	.101 (2.57)	.032 (0.81)
R	14.90	.127 (3.23)	
S	21.30	.144 (3.66)	
A	30.10	.163 (4.14)	
B	44.70	.190 (4.83)	
C	67.80	.223 (5.66)	
D	102.50	.264 (6.71)	
E	163.90	.335 (8.51)	
F	253.40	.406 (10.31)	
G	394.90	.495 (12.57)	

NOTES

1. Bend radius is 3X the outer diameter
2. Cable will be marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324
3. Inner jacket thickness tolerance is ±.002 and outer jacket thickness tolerance is ±.005