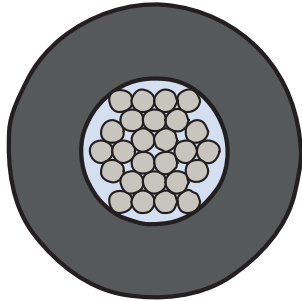


961-106-1500 Single-wall hookup wire
Duraelectric™ insulation, 1500 VAC



961-106-1500 with single-wall Duraelectric insulation

HOW TO ORDER						
Sample Part Number	961	-106	-1500	-0	-N	-0
Basic No.	TurboFlex single-wall hookup wire					
Insulation Material	-106 = Duraelectric					
Voltage Rating	-1500 = 1500 VAC					
Wire Size Code (See Table I)	-8, -4, -2, -0					
Conductor Material	-N = Nickel/Copper (-60° – 260°C)		-S = Silver/Copper (-60° – 200°C)			
	-T = Tin/Copper (-60° – 150°C)					
Insulation Color	See Insulation Color table					

POWERLOAD COMPATIBILITY	
PowerLoad Contact / Cavity Gauge (AWG)	SINGLE-WALL HOOKUP WIRE
	Duraelectric Insulation
	N/A
	1500 VAC
	260°
8	✓
4	✓
2	✓
0	✓
00	∅
0000	∅
✓ = fully compatible ∅ = not available	

TURBOFLEX WIRE SIZE, DIMENSIONS, DC RESISTANCE AND AMPACITY RATINGS									
Wire Size Code	AWG	Strand / Count / AWG	Cir Mil (nom)	Weight lbs/1000 ft. (nom.)	Ø A ±.025	Ø B Ref.	DC Resistance @ 20°C (Ohms / 1000 ft.)		
							Nickel Copper	Silver Copper	Tin Copper
8	8	7 X 95/36	16625	66.17	.233 (5.92)	.159 (4.04)	.7188	.6755	.7252
4	4	7 X 7 X 34/36	41650	158.59	.347 (8.81)	.271 (6.88)	.2979	.2800	.3006
2	2	7 X 7 X 54/36	66150	244.23	.419 (10.64)	.342 (8.69)	.1876	.1763	.1893
0	1/0	7 X 7 X 86/36	105350	380.32	.511 (12.98)	.431 (10.95)	.1178	.1107	.1188

TURBOFLEX CABLE

TURBOFLEX FEATURES

- Ultra-flexible rope lay power cable construction
- Wire gauges and insulation optimized for PowerLoad™ connectors
- Equipped with ruggedized Duraelectric insulation

NOTES

1. Bend radius is 4X – 12X the outer diameter (ØA) depending on application requirements
2. Cable marked with "GLENAIR TURBOFLEX", wire gauge, part number, CAGE 06324.



DURAELECTRIC D PERFORMANCE SUMMARY

- Service temperature range: -65°C to +260°C
- Fire-resistant and Low Smoke-Zero Halogen (LSZH)
- Resistant to common aerospace, military and industrial fluids
- UV resistant

INSULATION COLOR PER MIL-STD-681	
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White