

Specification Sheet for Kynar Insulated Wire

1. This specification is for wire per UL Style 1423, Solid silver-plated oxygen free copper.
2. No voltage ratings for any size
3. * AWG = American Wire Gauge

*AWG	24	26	30	
Conductor Material	Silver plated oxygen free, high conductivity copper per ASTM-B 170 Grade			
Plating material	Minimum 40 microns pr ASTM-B-298			
Conductor diameter (mm)	0.5	0.4	0.25	
Conductor Elongation	20% before insulation			
Insulation Material	Kynar 460			
Insulation Avg. Wall thickness (mm)	0.15	0.15	0.15	
Total Diameter (mm)	0.8	0.69	0.5	
Total weight (lbs/1000ft)	1.52	1.05	0.47	
Conductor Resistance Ohms/1000ft @ 20degC	26.2	41.9	106.0	
Spark Test	2000 VAC RMS			
Maximum Service Temperature (deg C)	105			

Available in 11 standard Colours

Test Requirements:

100% per UL Style 1423 and subject 758

Dielectric:	Page 30 – 2,000 VAC RMS Spark Test
D.C.R:	Page 26 – 106.0 Ohms/100ft Max @ 20degC
Sample Test:	Lot Basis
Flexing:	Page 40
Flammability:	Page 31
Tensile Strength Ins:	Page 1423
Elongation Ins:	Page 1423
Heat Ageing:	Page 40
Detailed Examination	