

Kynar Insulated Prototyping Wire **pro-POWER**



Features:

- Wire wrapping-making solderless connections of wires to terminals remains the preferred method for both automatic and semi-automatic termination in the wiring of computer back panels
- Due to kynar's superior mechanical properties, high temperature characteristics and economical price, Kynar insulated wire wrap products are the most popular choice in the industry

Specifications:

AWG	26
Conductor Material	Silver plated oxygen free, high conductivity copper per ASTM-B 170 Grade
Plating material	Min. 40 microns pr ASTM-B-298
Conductor diameter	0.4mm
Conductor Elongation	20% before insulation
Insulation Material	Kynar 460
Insulation Avg. Wall thickness	0.15mm
Total Diameter	0.69mm
Total weight (lbs/1,000ft)	1.05
Conductor Resistance Ω /1,000ft @ 20°C	41.9
Spark Test	2,000 V AC _{RMS}
Max. Service Temperature	105°C

Insulation Properties :

Characteristics	Value
Specific Gravity	1.75
Tensile Strength at Yield 75°F (p.s.i)	5,200
Elongation at Break (%)	50 to 250
Dielectric Constant at 60 Cycle	8.4
Dielectric Constant V / mil	950
Hardness Durometer Shore D	75 to 80
Flexural Modulus at 75°F (p.s.i)	156 to 260 × 10 ³
Water Absorption (%)	0.04
Service Temperature	275°F (135°C)
Flamability	V-0

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Part Number Table

Description	AWG Size	Colours	Conductor Size (Inches)	Number of Conductors	Reel Length	Part Number
Kynar Insulated Prototyping Wire	26	Black	0.0159	1	100m	100-26BK
		Blue				100-26B
		White				100-26W

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