

FEATURES

- Available in Orange, Black, Violet, Yellow, White, Blue & Red
- Available In Gauges 26 & 30 AWG
- Excellent Chemical Resistance

RS PRO Kynar Wire

RS Stock Nos

359-841

359-857

359-879

359-835

359-891

359-908

359-863



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Wire wrapping continues to be used as the method of wiring back panels and test fixtures for printed circuit boards. ETFE, a copolymer of ethylene and tetrafluorethylene is a high temperature resin with a balance of properties. It offers superior mechanical properties, excellent chemical resistance, a melting point of 500 F (260°C) and a nearly unvarying dielectric constant of 2.6 with changing frequencies and temperature. Due to these characteristics ETFE insulated wire continues to be used in this industry.

General Specifications

UL Style 1516 105°C, Voltage not specified, 4 mil minimum average wall, 3 mil minimum at any point, silver plated copper conductor or other conductor per UL.				
Conductor		Nom. Diameter Inch	Weight lbs/kft	Standard Put-up ft
AWG	Diameter Inch			
30	0.0100	.0195	.460	20000
28	0.0126	.0220	.670	15000
26	0.0159	.0255	.990	12000
24	0.0201	.0300	1.490	8000
22	0.0253	.0350	2.260	6000

Mechanical Specifications

See above chart

Electrical Specifications

Characteristics	Value	Characteristics	Value
Flammability	V-0	Hardness Durometer Shore D	75
Tensile Strength @ yield 23.9°C (p.s.i.)	6000	Flexural Modulus @ 23.9°C (p.s.i.)	200 x 10 ³
Elongation @ break (%)	100-300	Water Absorption (%)	.03
Dielectric Constant @ 60 cycle	2.60	Service Temperature	135°C - 150°C

Protection Category

N/A See Electrical Specifications above

Classification

eCI@ss (Version)	N/a
UNSPSC (Version)	N/a

Approvals

Declarations	REACH
Hazardous Area Certification	None
Standards Met	None

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
204-6890	RS PRO	Kynar wire	White	24 AWG	100m
204-6941	RS PRO	Kynar wire	Blue	24AWG	100m
204-6913	RS PRO	Kynar wire	Red	24AWG	100m
204-6935	RS PRO	Kynar wire	Green	24AWG	100m
233-8650	RS PRO	Kynar wire	Blue	26AWG	100m
233-8694	RS PRO	Kynar wire	Black	26AWG	100m
233-8688	RS PRO	Kynar wire	Yellow	26AWG	100m

233-8666	RS PRO	Kynar wire	Green	26AWG	100m
233-8672	RS PRO	Kynar wire	Red	26AWG	100m
233-8701	RS PRO	Kynar wire	White	26AWG	100m
233-9596	RS PRO	Kynar wire	Black	28AWG	100m
233-9619	RS PRO	Kynar wire	Red	28AWG	100m
233-9603	RS PRO	Kynar wire	Green	28AWG	100m
233-9580	RS PRO	Kynar wire	Blue	28AWG	100m
204-6862	RS PRO	Tefzel	Green	26AWG	100m
354-060	RS PRO	Tefzel	Blue	26AWG	100m
354-076	RS PRO	Tefzel	Black	26AWG	100m
354-054	RS PRO	Tefzel	Red	26AWG	100m
354-098	RS PRO	Tefzel	White	26AWG	100m
359-841	RS PRO	Tefzel	Blue	30AWG	100m
359-857	RS PRO	Tefzel	Black	30AWG	100m
359-879	RS PRO	Tefzel	Orange	30AWG	100m
359-835	RS PRO	Tefzel	Red	30AWG	100m
359-891	RS PRO	Tefzel	Violet	30AWG	100m
359-908	RS PRO	Tefzel	White	30AWG	100m
359-863	RS PRO	Tefzel	Yellow	30AWG	100m