

## FEATURES

- Available in Green, Black, White, Blue & Red
- Available In Gauges 26 & 30 AWG
- Excellent Chemical resistance

## RS PRO Kynar Wire

### RS Stock Nos

204-6862

354-060

354-076

354-054

354-098



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 <sup>3</sup>
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**

<b>Declarations</b>	REACH
<b>Hazardous Area Certification</b>	None
<b>Standards Met</b>	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