



FLEXIBLE MODIFIED THIN WALL FLAME RETARDANT PVDF TUBING

SHRINK RATIO 2:1

AMS-DTL-23053/18

FLAME RETARDANT

RoHS COMPLIANT

UL STANDARD 224, CSA STANDARD 198



KYN-150 has three times the tensile strength of standard polyolefin. Irradiated Kynar is an extremely tough, flexible, fluid resistant, anti-corrosive thin wall heat shrinkable tube. This non-burning tube is ideal for transparent applications, where flame retardency is required. Protects solder joints, terminals, and connections from industrial fuels, and chemicals. Glass like appears makes it easy to inspect protected joints and see marks.

KYN-150 Applications

Designed for Strain Relief Resisting Temperatures up to 150°C

Wire & Cable Harnessing, Bundling, & Protection from Chemicals and Tough

Mechanical Abrasion

Cable & Connector Protection

Spools Used in Automatic Cutting Machines

Characteristics

Operating Temperature: -55° to 150° Celsius

Shrink Temperature: 135°

Flame Retardant UL Standard 224, VW-1 Flame Test

Shrink Ratio: 2:1

Environmentally Friendly

Colors: 3/64" to 11/2" Available in 4 FT Clear Lengths Available

Specifications

Gamma	Minimum Expanded		Maximum Recovered		Recovered Thickness		Standard Packaging
Part No.	ID as Supplied		ID After Heating		After Heating		Packaging
W/ Size	Mm	Inch	Mm	Inch	Mm	Inch	4 FT Length
KYN-150-3/64	1.2	0.046	0.6	0.023	0.25	0.0098	100' FT / Bag
KYN-150-1/16	1.6	0.063	0.8	0.031	0.25	0.0098	100' FT / Bag
KYN-150-3/32	2.4	0.093	1.2	0.046	0.25	0.0098	100' FT / Bag
KYN-150-1/8	3.2	0.125	1.6	0.062	0.25	0.0098	100' FT / Bag
KYN-150-3/16	4.8	0.25	2.4	0.093	0.25	0.0098	100' FT / Bag
KYN-150-1/4	6.4	0.375	3.2	0.125	0.30	0.0118	100' FT / Bag
KYN-150-3/8	9.5	0.375	4.8	0.187	0.30	0.0118	100' FT / Bag
KYN-150-1/2	12.7	0.5	6.4	0.25	0.3	0.0118	100' FT / Bag
KYN-150-3/4	19.1	0.75	9.5	0.375	0.43	0.0169	100' FT / Bag
KYN-150-1	25.4	1	12.7	0.5	0.48	0.0189	100' FT / Bag
KYN-150-11/2	38.1	1.5	19	0.75	0.51	0.0201	100' FT / Bag

Properties

Property	Test Method	Standard
Operating Temperature	IEC 216	-55°C to 150C
Tensile Strength	ASTM D2671	> 30MPa
Elongation at Break	ASTM D2671	> 150%
Elongation after aging	180°C, 168 hrs	> 100%
Heat Shock	250°C, 4 hrs	No Cracking
Cold Bend	-55°C, 4hrs	No Cracking
Dielectric Strength	UL224	Min. 2.5kv/1 minute
Volume Resistance	ASTM D 876	Min 100%
Flammability	VW-1	Pass
Copper Corrosion	180°C, 168hrs	No Corrosion
Copper Stability	180°C, 168hrs	No Sign of Degradation

Ordering Information

Colors: Clear

Standard Packaging: 25 Pcs. Per Bag

Part No. Example: KYN-150-1/2-X =

Color Code: 0=BLK, 1=BRN, 2=RED, 3=ORN, 4=YLW, 5=GRN, 6=BLU, 7=VIO, 8=GRY, 9=WHT, X=CLR

P/N Example: KYN-175-1/4-X = Clear ¼” Tubing

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