

Fax-on-Demand: (800) 260-9099
(650) 361-6523

**Before ordering check with
factory for most current data.**

FAX ID	Description
2070	Data sheet
2071	RT-850

Kynar

High-temperature, chemical-resistant
polyvinylidene fluoride tubing

Applications

Especially suitable for applications requiring high-temperature performance, outstanding abrasion resistance and cut-through resistance, or superior chemical and solvent properties. Provides electrical insulation and strain relief of multipin connectors and solder joints. Ideal for applications that require dense packing of components or visual inspection of covered components.

Operating Temperature Range

-55°C to 175°C

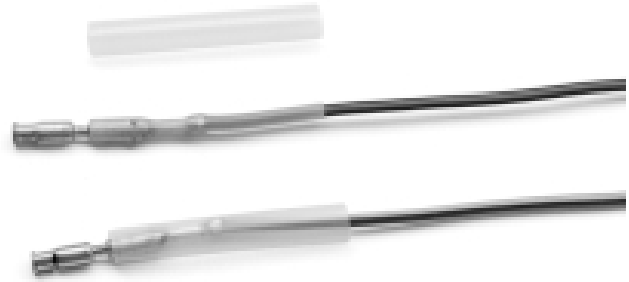
Features/Benefits

- 2:1 shrink ratio.
- Tough, semirigid, very-thin-wall insulation.
- High flame-resistance, meeting the requirements of MIL-DTL-23053*, Test C, with UL VW-1 and CSA OFT ratings.
- High-temperature performance that meets or exceeds military and industrial standards.
- Protection from most industrial solvents, fuels, and chemicals.
- Recommended maximum temperature for use as a primary insulator: 135°C.

Installation

Minimum shrink temperature: 155°C

Minimum full recovery temperature: 175°C



Specifications/Approvals



Series	UL	CSA	Military	Industry	Raychem
Kynar	E35586 VW-1 600 V, 150°C	LR31929 OFT 600 V, 150°C	MIL-DTL-23053/8* Def. Stan. 59-97 Type 3 VG 95343 Pt 5 Type F	VDE 0341 Pt 9005	RT-850 RK-6006

*Formerly MIL-I-23053.

Product Dimensions (mm/in)

Size	Inside diameter			Size	Inside diameter		
	Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**		Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**
3/64	1.2 (.046)	0.6 (.023)	.25 ±.05 (.010 ±.002)	3/8	9.5 (.375)	4.8 (.187)	.33 ±.05 (.013 ±.002)
1/16	1.6 (.063)	0.8 (.031)	.25 ±.05 (.010 ±.002)	1/2	12.7 (.500)	6.4 (.250)	.33 ±.05 (.013 ±.002)
3/32	2.4 (.093)	1.2 (.046)	.25 ±.05 (.010 ±.002)	3/4	19.1 (.750)	9.5 (.375)	.43 ±.08 (.017 ±.003)
1/8	3.2 (.125)	1.6 (.062)	.25 ±.05 (.010 ±.002)	1	25.4 (1.000)	12.7 (.500)	.48 ±.08 (.019 ±.003)
3/16	4.8 (.187)	2.4 (.093)	.25 ±.05 (.010 ±.002)	1 1/2	38.1 (1.500)	19.1 (.750)	.51 ±.08 (.020 ±.003)
1/4	6.4 (.250)	3.2 (.125)	.33 ±.05 (.013 ±.002)				

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard Translucent (clear [-X]) Nonstandard Black (-0)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.
Standard packaging	In 1.2-meter (4-foot) lengths.
Ordering description	Specify product name, size, and color (for example, Kynar 1/4-X).

Kynar is a trademark of Elf Atochem North America, Inc.

Users should independently evaluate the suitability of the product for their application.