



# Raytech

Kynar is an extremely tough, high temperature, thin wall insulation tubing. This transparent, non-burning, semi-rigid tubing has superior resistance to most industrial fuels, solvents and

- Excellent chemical resistance
- Excellent abrasion resistance
- 2:1 shrink ratio

## KYNAR

High temperature and fluid resistant, extra tough, semi-rigid heat-shrinkable tubing

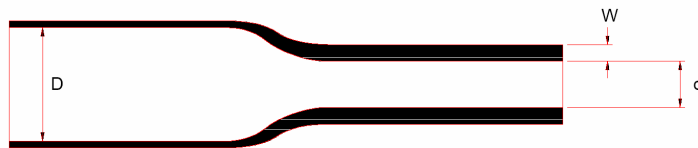
chemicals. Designed for applications requiring strain relief at temperatures up to 175°C, this product is unusually tough in its resistance to abrasion and cut through. Typical applications include

high temperature applications, protection, strain relief, chemical resistance, mechanical and abrasion protection.

### Temperature rating

Operating temperature range:	-55°C to +175°C
Minimum shrink temperature:	+155°C
Minimum full recovery temperature:	+175°C

### Ordering information



Inside diameter		Wall thickness	Standard package	
D (min) Expanded as supplied	d (max) Recovered after heating	W (nom) Recovered after heating	1.2 m Length quantity	Ordering description
mm	mm	mm	m	
1.2	0.6	0.25	60	KYNAR- <sup>3</sup> / <sub>64</sub> -X
1.6	0.8	0.25	60	KYNAR- <sup>1</sup> / <sub>16</sub> -X
2.4	1.2	0.25	60	KYNAR- <sup>3</sup> / <sub>32</sub> -X
3.2	1.6	0.25	60	KYNAR- <sup>1</sup> / <sub>8</sub> -X
4.8	2.4	0.25	60	KYNAR- <sup>3</sup> / <sub>16</sub> -X
6.4	3.2	0.30	30	KYNAR- <sup>1</sup> / <sub>4</sub> -X
9.5	4.8	0.30	24	KYNAR- <sup>3</sup> / <sub>8</sub> -X
12.7	6.4	0.30	24	KYNAR- <sup>1</sup> / <sub>2</sub> -X
19.0	9.5	0.43	18	KYNAR- <sup>3</sup> / <sub>4</sub> -X
25.4	12.7	0.48	12	KYNAR- 1 -X
38.1	19.1	0.51	12	KYNAR- 1 <sup>1</sup> / <sub>2</sub> -X

### Standard colours

Colour	Clear
Code	X

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# KYNAR

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## Approvals

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UL 224 E35586 VW-1	Def Stan 59-97 Type 3
CSA LR31929	MIL-DTL-23053/8
VG 95343 Part 5 Type F	VDE 0341/Pt 9005

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## Performance

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Test	Test method	Test requirement
Heat Ageing:	ISO 188 (168h at 200°C)	No dripping, cracking or flowing
Corrosion resistance:	ASTM D2671 (16h at 175°C)	No corrosion of mirrors
Dielectric strength:	IEC 243	$\varnothing \leq 12.7$ 25 MV/m $\varnothing > 12.7$ 20 MV/m
Flame retardancy:	ASTM D876	15s (max) UL 224 VW1
Fluid resistance:	24 h at 23°C, ISO 37	Tensile strength: 35 MPa (min) Ultimate elongation: 150% (min)
	Test fluids:	Aircraft fuel to ISO1817 liquid B Phosphate ester ISO1817 liquid 103 Lubricating oil ISO1817 liquid 101

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For full product performance details consult Raychem Specification RK 6006.

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## Specifications

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Raychem Specification RK 6006.
Material Safety Data Sheet available on request.
Installation instructions available on request.

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Kynar is a trademark of Atochem.

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