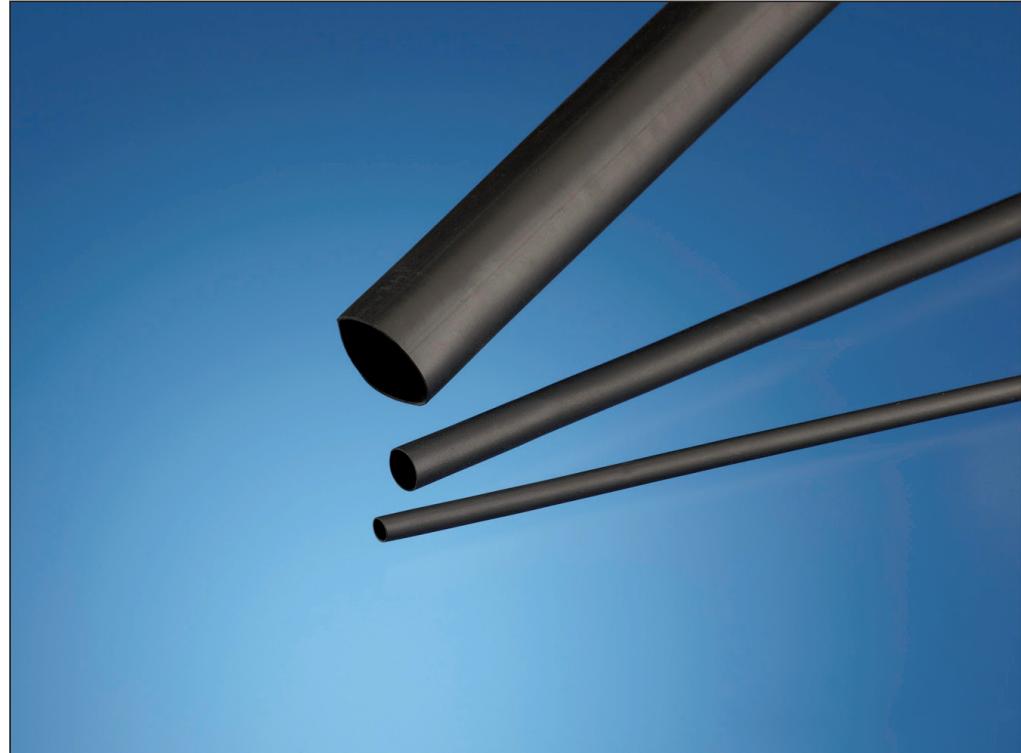


Protection for Wire Bundles, Connectors, Terminals



FRAG Tubing

Flexible, chemical and abrasion resistant tubing.



FRAG Tubing

Specially formulated for optimum high-temperature fluid resistance, and long term heat resistance. Resistant to diesel fuels, hydraulic fluids and lubricating oils. It is also well suited for the demands of motorsport cable harnesses.

Benefits

- FRAG is a heat-shrinkable, thick-wall tubing designed for harsh environments. It has excellent resistance to fluids at elevated temperatures and good long term heat resistance.
- FRAG is flexible as well as abrasion resistant. These properties make it ideal for the protection of electrical cables or similar components.
- RoHS/ELV compliant

Heat-Shrinkable, Flexible, Thick-Wall Tubing

Product Features

FRAG Tubing

- Continuous operating temperature from -75°C up to $+150^{\circ}\text{C}$
- Minimum shrink temperature: 150°C
- Minimum full recovery temperature: 175°C
- Flame retarded
- 2:1 shrink ratio



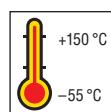
Product Dimensions

Size	Inside Diameter		Wall Thickness	Ordering Description
	D (min) Expanded as Supplied mm	d (max) Recovered after Heating mm	W (nom) Recovered after Heating mm	
3.2/1.6	3.2	1.6	0.80	FRAG-3.2/1.6-0
4.8/2.4	4.8	2.4	0.80	FRAG-4.8/2.4-0
6.0/3.5	6.0	3.5	0.90	FRAG-6.0/3.5-0
9.0/5.0	9.0	5.0	1.00	FRAG-9.0/5.0-0
12.0/7.0	12.0	7.0	1.25	FRAG-12.0/7.0-0
18.0/10.0	18.0	10.0	1.45	FRAG-18.0/10.0-0
25.0/13.0	25.0	13.0	1.80	FRAG-25.0/13.0-0
38.0/19.0	38.0	19.0	2.40	FRAG-38.0/19.0-0
51.0/25.0	51.0	25.0	2.80	FRAG-51.0/25.0-0
76.0/38.0	76.0	38.0	3.20	FRAG-76/38-0

The largest size that will recover snugly over the component to be covered should be ordered. The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage. Other lengths and sizes are available subject to special order.

Ordering Information

Standard Colour	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.				
Ordering Description	Specify product name, size and colour (for example FRAG-3.2/1.6-0)				
Specifications/Approvals	<table border="1"> <tr> <td>Series</td> <td>TE</td> </tr> <tr> <td>FRAG</td> <td>RK-6176</td> </tr> </table>	Series	TE	FRAG	RK-6176
Series	TE				
FRAG	RK-6176				



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Flame Retarded



Fluid Resistant