

175C high temperature Chemical resistant PVDF tubing Kynar tube

Semi-rigid thin wall Kynar[®] heat shrink tubing , ideal for electronic, automotive and military applications requiring protection and see-through inspection

Features

High withstand to abrasion and cut-through

Excellent chemical and solvent resistance

Continuous Operating Temperature:-55C to 175C

Shrink Temperature: 175C

*Kynar[®] is a registered trademark of ATOFINA

Dimensions

Nominal size		As supplied (mm)	After recovery(mm)		Packing standard	Minimum order quantity (km)
inch	mm	Inside diameter (min)	Inside diameter (max)	Wall thickness	(m/spool)	
3/64	1.2	1.2	0.6	0.25±0.05	200	3.0
1/16	1.6	1.6	0.8	0.25±0.05	200	3.0
3/32	2.4	2.4	1.2	0.25±0.05	200	2.0
1/8	3.2	3.2	1.6	0.25±0.05	100	2.0
3/16	4.8	4.8	2.4	0.25±0.05	100	1.0
1/4	6.4	6.4	3.2	0.30±0.05	100	1.0
3/8	9.5	9.5	4.8	0.30±0.05	50	0.8
1/2	12.7	12.7	6.4	0.30±0.05	50	0.8
3/4	19.1	19.1	9.5	0.42±0.05	50	0.5
1	25.4	25.4	12.7	0.50±0.05	50	0.5
1-1/2	38.1	38.1	19.1	0.50±0.05	50	0.5

Technical Data

Item	Test Method	Unit	Specifications
Min. shrink temperature		C	155
Operation temperature		C	-45C~175
Specific Gravity	ASTM D792	g/cm ³	1.78
Tensile strength	ASTM D2671	M Pa	≥25
Elongation at break	ASTM D2671	%	≥550
After Aging Elongation	250C,168h	%	≥500
Heat Shock	300C,4h	-	-No Cracking-
Cold Bend	-55C,4h	-	-No Cracking-
Dielectric Strength	ASTM D2671	kV/mm	≥
Volume Resistivity	ASTM D257	Ω.cm	≥
Flammability Rating	UL-224	VW-1	Pass