

F-175

175°C high temperature Chemical resistant PVDF tubing (Kynar® tube)

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

Features

- High withatand to abrasion and cut-through
- Excellent chemical and solvent resistance
- Continuous Operating Temperature:-55°C to 175°C
- Shrink Temperature:175°C
- *Kynar®is a registered trademark of ATOFINA



Dimensions

SIZE		AS SUPPLIED	AFTER RECOVERY		STANDARD PACKAGE
Inch	mm	INTERNAL DIAMETER mm	INTERNAL DIAMETER mm	WALL THICKNESS mm	SPOOL LENGTH M/spool
3/64	1.2	1.2	0.6	0.25 ± 0.05	200
1/16	1.6	1.6	0.8	0.25 ± 0.05	200
3/32	2.4	2.4	1.2	0.25 ± 0.05	200
1/8	3.2	3.2	1.6	0.25 ± 0.05	100
3/16	4.8	4.8	2.4	0.25 ± 0.05	100
1/4	6.4	6.4	3.2	0.30 ± 0.05	100
3/8	9.5	9.5	4.8	0.30 ± 0.05	50
1/2	12.7	12.7	6.4	0.30 ± 0.05	50
3/4	19.1	19.1	9.5	0.42 ± 0.05	50
1	25.4	25.4	12.7	0.50 ± 0.05	50
1-1/2	38.1	38.1	19.1	0.50 ± 0.05	50

Technical Data

Item	Test Method	Unit	Specifications
Min. shrinktemperature	—	°C	155
Operation temperature	—	°C	–55~175
Specific Gravity	ASTM D792	g/cm3	1.78
Tensile strength	ASTM D2671	M Pa	≥25
Elongation at break	ASTM D2671	%	≥550
After Aging Elongation	250°C, 168h	%	≥500
Heat Shock	300°C, 4h	—	–No Cracking–
Cold Bend	–55°C, 4h	—	–No Cracking–
Volume Resistivity	ASTM D257	Ω .cm	≥10 ¹⁴
Flammability Rating	UL–224	VW–1	Pass