



PRINTASHRINK PTFE/FEP

TECHNICAL DATA

Printashrink PTFE/FEP is dual wall heat shrink tube capable of withstanding extremely high temperatures. It consist of an outer PTFE layer with an integral FEP inner allowing encapsulation of components in pure fluoroplastic. It is transparent and available in sizes up to 11mm ID as standard. It can be cut as required. This high temperature dual wall tubing consists of an outer PTFE sleeve which when heated to its shrink temperature of 330°C melts the inner FEP layer resulting in complete encapsulation of components in fluoroplastic which offers the very best protection against mechanical, chemical and temperature even in immersed conditions. As with all fluoroplastics, the end result offers a working temperature of -200°C – +260°C, excellent electrical resistance, as well as to UV, virtually all fuels, chemicals and solvents. It is also non- toxic, naturally non-flammable and has a very low co-efficient to friction and non-stick surface.

- **SHRINK RATIO** Various
- **SHRINK TEMPERATURE** 110°C
- **OPERATING TEMPERATURE** -200°C – + 260°C
- **FLAME RETARDANT:** Yes
- **COLOURS** Natural
- **PACKING** Reels, cut to length
- **APPROVALS** RoHS compliant
- **APPLICATIONS/ INDUSTRIES** General, Commercial, Electrical, Electronics, Industrial, Mechanical, Automotive,

Properties	Typical Values	Test Methods
GENERAL		
Operating Temperature	-200°C – +260°C	
Shrink temperature	330°C	
Length change on shrinking	0 – +15%	
Shelf Life	Infinite	
Max storage temperature	40°C	
PHYSICAL		
Water absorption	0.01% or less	
Hardness	D55	

UV Resistance	Completely unaffected
Radiation resistance	1 megarad
THERMAL	
Flammability	Non-inflammable
ELECTRICAL	
Dielectric strength	Very low dielectric loss at high frequencies
Electrical resistance	Extremely high
CHEMICAL	
Chemical resistance	Virtually total
Oxygen Index	Completely non-toxic

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
0.9	0.9	0.0	0.60
1.5	1.5	0.0	0.60
2.2	2.2	0.5	0.60
3	3.0	1.0	0.60
4	4.0	1.5	0.60
5	5.0	2.0	0.60
6.5	6.5	3.5	0.60
8.5	8.5	4.0	0.60
9.5	9.5	5.5	0.80
11	11.0	7.0	0.80

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