

RoHS
Compliant



Heat Shrink (HS)

It is a heat shrinkable PTFE Tubing. Upon the application of heat in excess of 350°C (662°F), the tubing shrinks and conforms to the geometry of the part to be covered. Stiffness, combined with chemical inertness, makes it an excellent strain relief for high temperature electrical connections with contaminated environments.

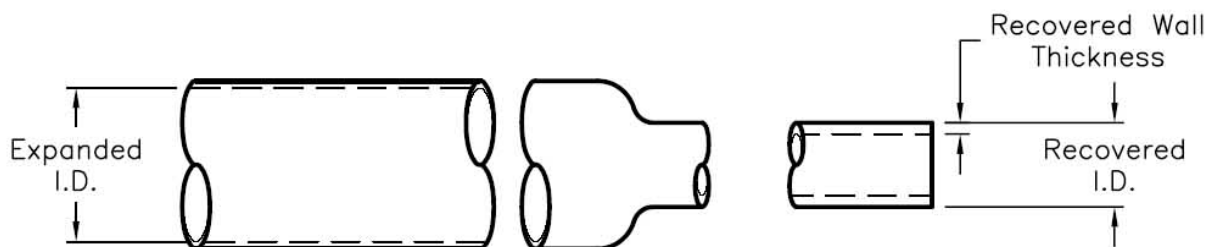
Specifications

Shrink Ratio	: 4:1
Shrink Temperature	: 662°F (350°C)
Continuous Operating Temperature	: -100°F to +500°F (-73°C to +260°C)
Dielectric Strength	: >1,400 V/M
Dielectric Constant	: 2.1
Volume Resistivity	: <10 ¹⁸
Tensile Strength	: 2,500 psi
Elongation	: 200% Min.
Longitudinal Change	: ±20%
Specific Gravity	: 2.17
Water Absorption	: < 0.01%
Flammability	: Not flammable
Meets Specifications	: AMS-DTL-23053/12, Class 5 ASTM D 2902 Type I AMS 3584

Good Abrasion Resistance

Excellent fungus, chemical, oil, solvent, and acids resistance

Diagram



Dimensions				Standard Packages					
Size	Expanded I.D. (Min) Inches (mm)	Recovered I.D. (Max) Inches (mm)	Recovered Wall Thickness Inches (mm)	4 Foot Lengths			6 Inch Lengths		
				Part Number	Qty.	Total Footage (FT)	Part Number	Qty.	Total Footage (FT)
5/64	0.078 (1.98)	0.025 (0.635)	0.009 ±0.002 (0.229 ±0.051)	8416-0887	25	100	3494	25	12.5
1/8	0.125 (3.18)	0.037 (0.94)	0.01 ±0.002 (0.254±0.051)	8416-0888	25	100	3495	25	12.5
3/16	0.188 (4.78)	0.05 (1.27)		8416-0889	25	100	3496	25	12.5
1/4	0.25 (6.35)	0.063 (1.6)		8416-0890	25	100	3497	25	12.5
5/16	0.313 (7.95)	0.078 (1.98)		8416-0891	25	100	3498	25	12.5
3/8	0.375 (9.53)	0.096 (2.44)		8416-0892	25	100	3499	25	12.5
7/16	0.438 (11.13)	0.112 (2.84)		8416-0893	25	100	3500	25	12.5
1/2	0.5 (12.7)	0.144 (3.66)	0.015±0.004 (0.381±0.102)	8416-0894	25	100	3501	10	5
5/8	0.625 (15.88)	0.178 (4.52)		8416-0895	8	32	3502	10	5
3/4	0.75 (19.05)	0.224 (5.69)		8416-0896	8	32	3503	10	5
7/8	0.875 (22.23)	0.244 (6.2)		8416-0897	8	32	3504	10	5
1	1 (25.4)	0.278 (7.06)		8416-0898	8	32	3505	5	2.5
1-1/4	1.25 (31.75)	0.347 (8.81)		8416-0899	8	32	3506	5	2.5

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