

GSHS – 1625W

2:1 SHRINK RATIO, DUAL-WALL, FLEXIBLE, POLYOLEFIN TUBING

Applications

GSHS-1625W is designed for general purpose applications such as the insulation and strain relief of electrical connections and terminations, light-duty harnessing, jacketing and bundling. Adhesive lining forms an environmental seal that helps protect against moisture.

Features

- ★ Shrink ratio: 50% or more in the radial direction
- ★ Operating temperature: - 55°C to 125°C
- ★ Flammability: UL VW-1(Jacket only)
- ★ Minimum shrink temperature: 90° C

Standard

- ★ MIL-DTL-23053/4 Class 2
- ★ UL 224 (Reference Standard)
- ★ CSA C22.2 (Reference Standard)

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D 638	Min. 1.1kgf/mm ²
		Elongation	UL 224	Min. 200%
	Aged	Tensile strength	ASTM D 638	Min. 0.8kgf/mm ²
		Elongation	UL 224 175°C/168hrs	Min. 100%
	Density		ASTM D-792	Max.1.40g/cm ² @23°C
	Heat shock		MIL-I-23053	Pass @250°Cx4hrs
	Low temperature flex		MIL-I-23053	No crack @-55°C
	Flexibility		158°C/168 hrs	No crack
Secant Modulus		UL 224	Max. 173MPa	
Electrical	Dielectric strength		UL 224	Min. 2500V
	Volume resistivity		UL 224	Min. 1x10 ¹⁴ Ω - cm
Chemical	Copper corrosion		MIL-I-23053 175°C/16hrs	No corrosion
	Copper stability		UL 224	No sign of degradation
	Elongation		158°C/168hrs	Min. 100%
Flammability (VW-1)		UL 224	Pass	

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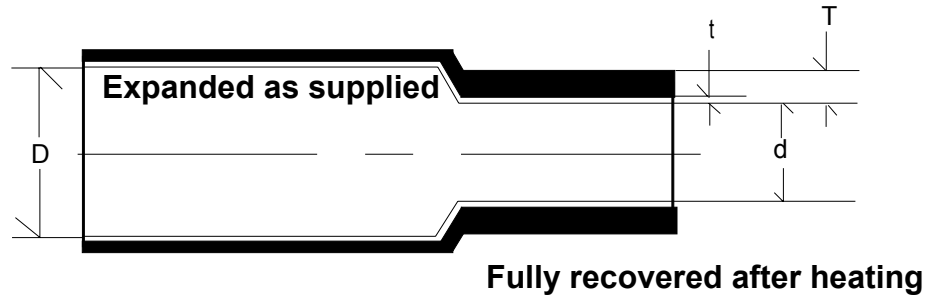
Dunbar Associates

Your Stocking Partner for Quality Components

P.O Box 671161, Dallas, Texas 75367-1161
Tel: (972) 241-0300
Fax: (972) 241-0315

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Product Dimensions

Minimum Shrink Temperature: 90°C

Size	Expanded		Recovered						Standard Length
	Internal Diameter Minimum (D)		Internal Diameter Maximum (d)		Minimum Total Wall Thickness (Total Wall) (T)		Minimum Wall Thickness (Adhesive Wall) (t)		
Inch Size	In.	mm	In.	mm	In.	mm	In.	mm	Ft.
1/8"	0.126	3.2	.062	1.57	0.025	0.43	0.008	0.20	4
3/16"	0.189	4.8	.093	2.36	0.025	0.43	0.008	0.20	4
1/4"	0.252	6.4	.125	3.18	0.030	0.56	0.008	0.20	4
3/8"	0.378	9.6	.187	4.75	0.030	0.56	0.012	0.30	4
1/2"	0.500	12.7	.250	6.35	0.030	0.56	0.012	0.30	4
3/4"	0.752	19.1	.375	9.53	0.035	0.69	0.012	0.30	4
1"	1.00	25.4	.50	12.70	0.040	0.76	0.012	0.30	4
1-1/2"	1.50	38.1	.75	19.10	0.043	0.86	0.012	0.30	4

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