



DUNBAR – WFHS-221

Woven Fabric 2:1 Polyester/Polyolefin Heat Shrink

Applications

DUNBAR-WFHS-221 is designed primarily to provide outstanding mechanical abrasion protection for components, even at high temperatures. The woven construction makes WFHS-221 extremely flexible and resistant to trapping water, heat, and humidity. Also suitable for noise and rattle suppression.

Features

- ★ Shrink ratio: 2:1
- ★ Outstanding abrasion resistance
- ★ Continuous operating temperature: -40 °C (-40 °F) to +125 °C (+257 °F)
- ★ Flammability: 100 mm/min maximum
- ★ Very Flexible
- ★ Min. Shrink Temp 80 °C
- ★ Resistant to harsh environments

Standards

- ★ Declared Dimensional Life (DDL) – 10 Years
- ★ FMVSS 302 Flammability
- ★ RoHS Compliant

Specification Values

Property	Test Standard	Value
Heat Shock	125 °C x 100 cycles @ 15 min ea.	No splitting or damage
Cold Bend	4 hrs @ -40 °C	No splitting or damage
Abrasion Resistance	10 mm abrasion probe	No damage to underlying hose after 144000 cycles
Flame Resistance	Self-extinguishing	Self-extinguishing within 60 seconds
Fluid Resistance	24 hr immersion @ 23 °C <ul style="list-style-type: none">• Antifreeze• Engine Oil• Hydraulic Fluid• Brake Fluid• Unleaded Gas• Battery Acid	Pass

Rev. January 2024



Dunbar Products, LLC
Tubing and Identification Products

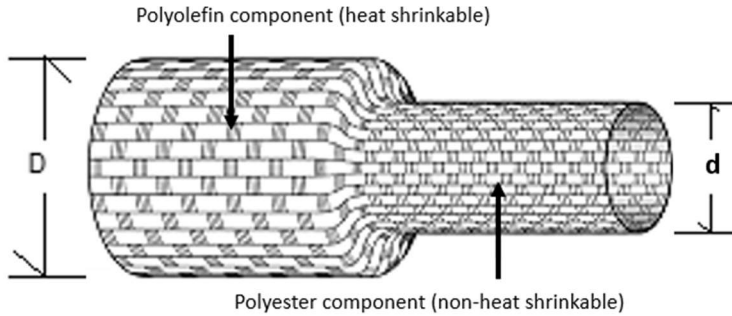


1302 Champion Circle, Carrollton, TX 75006
Tel: (469) 568-0800
Fax: (469) 568-0808



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Product Dimensions

Minimum Shrink Temperature: 80 °C

Size	Expanded		Recovered	
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)	
mm	in	mm	in	mm
6	0.236	6	0.118	3
8	0.315	8	0.157	4
10	0.394	10	0.197	5
12	0.472	12	0.236	6
17	0.669	17	0.335	8.5
20	0.787	20	0.394	10
25	0.984	25	0.492	12.5
30	1.18	30	0.591	15
35	1.38	35	0.689	17.5
40	1.57	40	0.787	20
45	1.77	45	0.886	22.5
50	1.97	50	0.984	25
60	2.36	60	1.18	30
70	2.76	70	1.38	35
80	3.15	80	1.57	40
90	3.54	90	1.77	45
100	3.94	100	1.97	50

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Standard Colors: Orange and Black



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