



DUNBAR – WFHS-221

ArmorFlex®

Woven Fabric 2:1 Polyester/Polyolefin Heat Shrink

Applications

DUNBAR *ArmorFlex*® is designed primarily to provide outstanding mechanical abrasion protection for components, hoses and wiring while remaining very flexible. The woven construction makes WFHS-221 flexible and resistant to trapping water, heat and humidity. Excellent for noise and rattle suppression.

Features

- ★ Abrasion resistant
- ★ Very flexible
- ★ Continuous operating temperature: -40 °C (-40 °F) to +125 °C (+257 °F)
- ★ Flammability: 100 mm/min maximum
- ★ 600 V rating
- ★ Easily cut with standard cutting equipment
- ★ Resistant to harsh fluids and environments

Standards

- ★ Declared Dimensional Life (DDL) – 10 Years
- ★ FMVSS 302 Flammability
- ★ REACH & 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	TL 52668	No damage to underlying hose after 144000 cycles
Flame Resistance	Self-extinguishing	Self-extinguishing within 60 seconds
Fluid Resistance	24 hr immersion @ 23 °C • Antifreeze • Engine Oil • Hydraulic Fluid • Brake Fluid • Unleaded Gas • Battery Acid	Pass

Rev. July 2024



Dunbar Products, LLC
Tubing and Identification Products



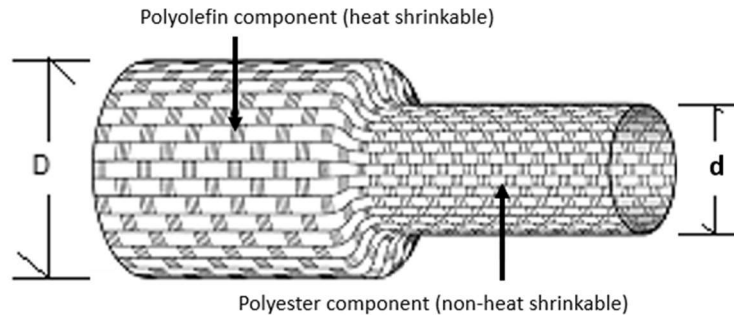
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Tel: (469) 568-0800
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Product Dimensions

Minimum Shrink Temperature: 80 °C

Full Recovery Temperature: 120 °C

Size	Expanded		Recovered	
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)	
	mm	in	mm	in
6		0.236	6	0.118
8		0.315	8	0.157
10		0.394	10	0.236
12		0.472	12	0.236
16		0.630	16	0.315
20		0.787	20	0.394
25		0.984	25	0.492
30		1.18	30	0.591
35		1.38	35	0.689
40		1.57	40	0.787
45		1.77	45	0.886
50		1.97	50	0.984
60		2.36	60	1.18
70		2.76	70	1.38
80		3.15	80	1.57
90		3.54	90	1.77
100		3.94	100	1.97

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Standard Colors: Orange and Black



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