



# DUNBAR – V200

Viton®

2:1 SHRINK RATIO, FLEXIBLE, HIGH TEMPERATURE, CHEMICAL AND ABRASION RESISTANT, FLUROELASTOMER TUBING

## Applications

DUNBAR-V200 is a heat shrinkable, flexible, fluoroelastomer sleeving that is used in high temperature applications or where exposure to high temperature and aggressive solvents is expected. It is widely used in hydraulic equipment, aircraft manufacture and ship building applications.

## Features

- ★ Shrink ratio: 50% or more in the radial direction, 20% or less in the axial direction
- ★ In stock for immediate shipment
- ★ Continuous operating temperature: - 40°C (-40°F) to 200°C (392°F)
- ★ Excellent abrasion protection for military industries
- ★ High resistance to chemicals and oils

## Standard

- ★ AMS-DTL-23053/13 (Formerly MIL-DTL-23053/13)
- ★ RoHS Compliant

## Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 1,200 psi	
		Elongation	Min. 250%	
		Tensile stress @ 200% elongation	Max. 2,000 psi	
	Aged	Tensile strength	ASTM-D412	Min. 1,200 psi
		Elongation	250°C/168 hrs	Min. 200%
	Fluid Resistance	Tensile strength	ASTM-D412	Min. 1,200 psi
		Elongation	250°C/168 hrs	Min. 250%
	Heat shock		300°C/4 hrs	No cracking, flowing or dripping
Cold bend		- 40°C/4 hrs	No cracking	
Voltage withstand		2kV/1min	Pass	
Electrical	Dielectric strength		ASTM-D2671	
	Volume resistivity		ASTM-D876	
Chemical	Copper corrosion		175°C/16 hrs	
	Fungus resistance		ASTM G21	
	Water absorption		ASTM-D570	
	Flammability		ASTM-D2671	

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Dunbar Products, LLC  
Your Stocking Partner for Quality Components

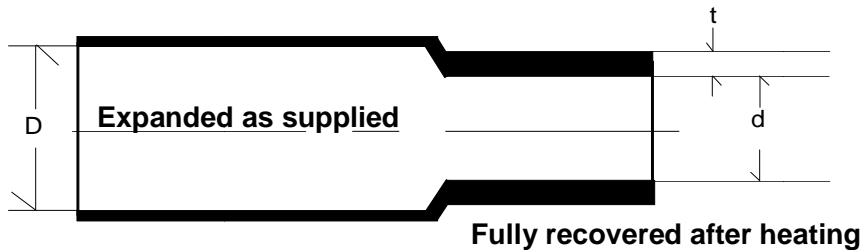
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## Product Dimensions

Minimum Shrink Temperature: 100°C

Size	Expanded		Recovered			
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Minimum Total Wall Thickness (t)	
	In.	mm	In.	mm	In.	mm
Inch Size						
1/8"	0.125	3.4	0.063	1.6	0.048	0.65
3/16"	0.187	4.7	0.094	2.4	0.028	0.72
1/4"	0.250	6.4	0.125	3.2	0.028	0.72
3/8"	0.375	9.5	0.187	4.7	0.028	0.72
1/2"	0.500	12.7	0.250	6.4	0.028	0.72
5/8"	0.625	15.9	0.312	7.9	0.034	0.90
3/4"	0.750	19.1	0.375	9.5	0.034	0.90
7/8"	0.875	22.2	0.437	11.1	0.038	0.92
1"	1.000	25.4	0.500	12.7	0.038	0.92
1 1/4"	1.125	31.8	0.625	15.9	0.040	1.02
1 1/2"	1.500	38.1	0.750	19.1	0.040	1.02

Standard Color: Black

Optional Color(s): Available by special order

Storage Condition: Keep cool. Don't keep package over 8 hours at temperature exceeding 40°C (104°F).

\* Test Fluids: Hydraulic Fluid petroleum base  
 JP-8  
 Lubricating Oil  
 Lubricating Oil  
 5 percent NaCl  
 Deicing Fluid

MIL-H-5606  
 MIL-T-5624  
 MIL-L-7808  
 MIL-L-23699  
 A-A-694  
 MIL-A-8243

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