



DUNBAR – 1675 Kynar

2:1 SHRINK RATIO, HIGH TEMPERATURE, CHEMICAL RESISTANT, PVF₂ TUBING

Applications

DUNBAR-1675 is semi-rigid, flame retardant, heat shrinkable polyvinylidene fluoride (PVF₂) tube for applications requiring outstanding abrasion and cut-through resistance. It reliably protects: wires, solder joints, terminals, connections, and components from most industrial fuels, solvents and chemicals.

Features

- ▣ Shrink ratio: 50% or more in the radial direction, 10% or less in the axial direction
- ▣ In stock for immediate shipment
- ▣ Continuous operating temperature: -55°C (-67°F) to 175°C (347°F)
- ▣ Flammability: UL VW-1, CSA OFT
- ▣ Highly heat and abrasion resistant
- ▣ High resistance to chemicals and oils

Standard

- ▣ SAE AS23053/8 (Formerly AMS-DTL-23053/8)
Clear & Black stocked, All colors available.
- ▣ UL 224: VW-1, 150°C, 600V (File Number: E319303)
- ▣ RoHS & REACH Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 5,000 psi	
		Elongation	Min. 150%	
	Aged	Elongation	ASTM D638	Min. 50%
		Fluid Resist.	Tensile strength	24°C/24 hrs
	Dielectric strength		6 Fluids	Min. 500 Volts/mil
	Concentricity	ASTM D2671	Min. 70%	
	Crystalline melt point	ASTM D4951	Min. 150°C	
	Heat shock	300°C/4 hrs	No cracks, flowing or dripping	
	Low temperature flexibility	-55°C/4 hrs	No cracking	
	Secant modulus	ASTM D882	Min. 120,000 psi	
Specific gravity	ASTM D792	Max. 1.8		
Electrical	Dielectric strength	ASTM D2671	Min. 800 Volts/mil (sizes to .5in.) Min. 600 Volts/mil (sizes over .5in.)	
	Volume resistivity	ASTM D876	Min. 10 ¹³ Ω - cm	
Chemical	Copper corrosion	175°C/16 hrs	No corrosion	
	Fungus resistance	ASTM G21	No growth	
	Water Absorption	ASTM D570	Max. 0.5%	
	Flammability	ASTM D2671	Pass	

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Dunbar Products, LLC
Tubing and Identification Products

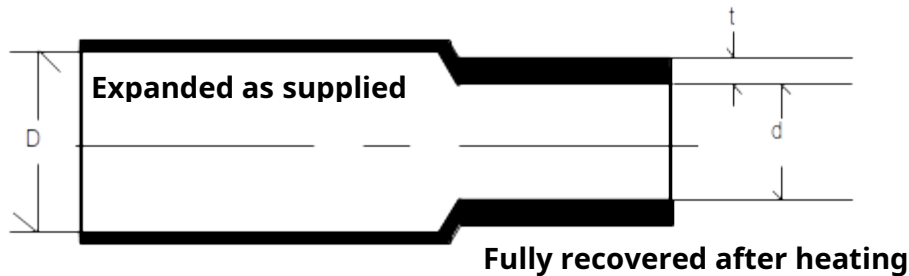
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Product Dimensions

Minimum Shrink Temperature: 175°C

Size	Expanded		Recovered				Standard Spool Length
	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Minimum Total Wall Thickness (t)		
Inch Size	In.	mm	In.	Mm	In.	mm	Ft.
3/64"	0.046	1.2	0.023	0.6	0.008	0.2	500
1/16"	0.063	1.6	0.031	0.8	0.008	0.2	500
3/32"	0.093	2.4	0.046	1.2	0.008	0.2	500
1/8"	0.125	3.2	0.062	1.6	0.008	0.2	500
3/16"	0.187	4.7	0.093	2.4	0.008	0.2	250
1/4"	0.250	6.4	0.125	3.2	0.009	0.2	250
3/8"	0.375	9.5	0.187	4.7	0.009	0.2	200
1/2"	0.500	12.7	0.250	6.4	0.009	0.2	200
3/4"	0.750	19.1	0.375	9.5	0.014	0.3	100
1"	1.000	25.4	0.500	12.7	0.016	0.4	100

Standard Colors: Clear (Natural) & Black
 Optional Color(s): Available by special order

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