

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 resistant
- ★ High resistance to chemicals and oils

Standard

- ★ AMS-DTL-23053/8 (Formerly MIL-DTL-23053/8)
- ★ UL 224 (File Number: E319303)
- ★ RoHS Compliant

Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	ASTM D638	Min. 5,000 psi
		Elongation		Min. 150%
	Aged	Elongation	ASTM D638	Min. 50%
	Fluid Resist.	Tensile strength	24°C/24 hrs	Min. 5,000 psi
		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	

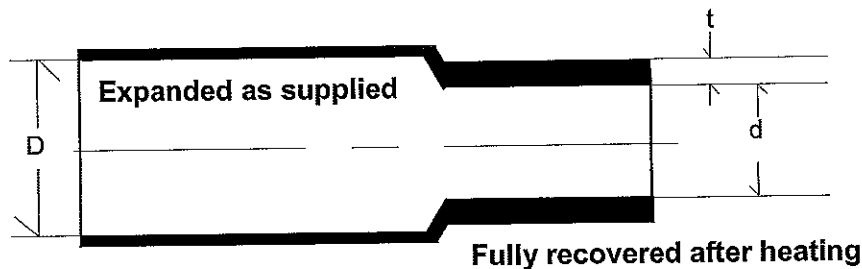
Rev. May 2011

DUNBAR

Heat Shrinkable Tubing

DUNBAR – 1675 Kynar

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



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)		
	In.	mm	In.	mm	In.	mm	Ft.
Inch Size							
3/64"	0.047	1.2	0.023	0.58	0.007	0.180	500
1/16"	0.063	1.6	0.031	0.79	0.007	0.180	500
3/32"	0.094	2.4	0.046	1.17	0.010	0.250	500
1/8"	0.125	3.2	0.062	1.57	0.010	0.250	500
3/16"	0.188	4.8	0.093	2.36	0.010	0.250	250
1/4"	0.251	6.4	0.125	3.18	0.010	0.250	250
3/8"	0.377	9.6	0.187	4.75	0.011	0.279	200
1/2"	0.503	12.8	0.250	6.35	0.011	0.279	200
3/4"	0.759	19.3	0.375	9.53	0.014	0.356	100
1"	1.000	25.6	0.500	12.7	0.016	0.406	100

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

Rev. May 2011

DUNBAR

Dunbar Products, LLC

P.O. Box 112218, Carrollton, Texas 75011-2218

Tel: (469) 568-0800
FAX: (469) 568-0800