



# DUNBAR – 1675 Kynar

2:1 SHRINK RATIO, HIGH TEMPERATURE, CHEMICAL RESISTANT, PVF<sub>2</sub> TUBING


## Applications

DUNBAR-1675 is semi-rigid, flame retardant, heat shrinkable polyvinylidene fluoride (PVF<sub>2</sub>) 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

- ★ In stock for immediate shipment
- ★ Shrink ratio: 50% or more in the radial direction, 5% or less in the axial direction
- ★ Continuous operating temperature: - 55°C to 175°C
- ★ Flammability: UL VW-1, CSA OFT
- ★ Excellent electrical properties
- ★ High resistance to chemicals and oils

## Standard

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

## Specification Values

Property		Test Method	Value	
Physical	Unaged	Tensile strength	Min. 5,000 psi	
		Elongation	Min. 150%	
	Aged	Tensile strength	180°C/168 hrs	Min. 70% of the value of unaged specimens
		Elongation		
	Deformation		150°C/1 hr	Max. 50%
	Heat shock		300°C/4 hrs	No cracking, flowing or dripping
	Cold bend		- 55°C/4 hrs	No cracking
	Flexibility		180°C/168 hrs	No cracking
Secant Modulus		2% strain	Min. 120,000 psi	
Electrical	Dielectric strength		Room temp. Min. 23.6kV / mm	
	Volume resistivity		- Min. 10 <sup>13</sup> Ω - cm	
Chemical	Copper corrosion		180°C/168 hrs No corrosion	
	Copper stability		180°C/168 hrs No sign of degradation	
	Flammability		VW-1 Pass	

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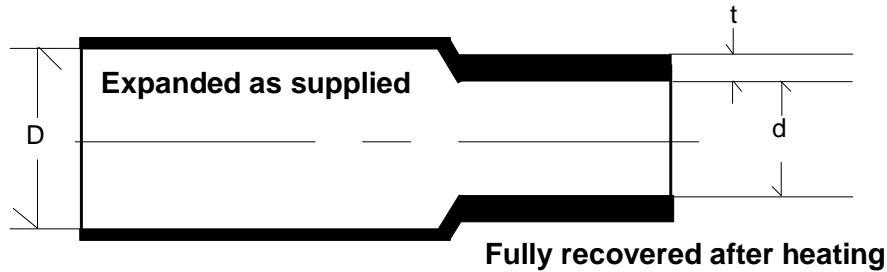


**Dunbar Associates**  
Your Stocking Partner for Quality Components

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**Product Dimensions**

Minimum Shrink Temperature: 150°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"	0.047	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

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