

2:1 Shrink Ratio, Neoprene, Flexible, Flame Retardent Tubing

DUNBAR-CRFR is used for insulation, strain relief, and abrasion protection on cable harnesses and wire bundles in military and aerospace industries. It provides fluid and solvent resistance, including lubricating oil, aviation and ground-vehicle fuels and hydraulic fluids. Neoprene remains flexible at low temperatures

STANDARDS:

- SAE AS23053/1 Class 1 & 2 (Formerly AMS-DTL-23053/1 Class 1 and Class 2)
- Declared Dimensional Life (DDL) 5 Years
- RoHS & REACH Compliant



PRODUCT FEATURES:

- Shrink ratio: approx. 50% in the radial direction, -10% or less in the axial direction
- In stock for immediate shipment

 Continuous operating temperature: -70°C (-94°F) to 121°C (250°F)
- Flammability: ASTM D2671 Procedure A, C
- Excellent abrasion protection for military industries High resistance to chemicals and oils

Specification Values

Property			Test Method	Value		
Physical	Unaged	Tensile Strength		Min. 1500 psi		
		Elongation	ASTM D412	Min. 225%		
		Tensile Strength @200% Elongation	ASTIVI D412	Max. 1500 psi		
	Aged	Tensile Strength	ASTM D412	Min. 1200 psi		
		Elongation	ASTIVI D412	Min. 175%		
	Fluid Resist.	Tensile Strength	24°C/24 hrs	Min. 1000 psi		
		Elongation	6 Fluids	Min. 175%		
		Dielectric Strength	o Fluids	Min. 250 Volts/mil		
	Low Temperature Flex		-70°Cx4hrs	No cracks		
	Heat Shock		200°Cx4hrs	No cracks, flowing, or dripping		
Electrical	Dielectric Strength		ASTM D2671	Min. 300 Volts/mil		
	Volume Resistivity		ASTM D876	Min. 10 ¹¹ Ω · cm		
Chemical	Copper Corrosion		150°C/16hrs	No corrosion		
	Fungus Resistance		ASTM G21	No Growth		
	Water Absorption		ASTM D570	Max. 1.0		
	Flammability		ASTM D2671	Pass		

sales@matrixtechnology.ca Head Office: 905-477-4442 Branch Office: 514-694-7373



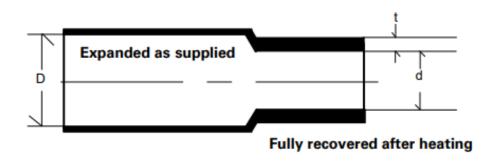
MATRIX PRECISION CONVERTING

Your Application. Our Expertise.

Matrix specializes in precision cutting and converting of engineered materials to meet the exact specifications required by manufacturers. Our state-of-the-art equipment and expertise ensure precise customization, providing manufacturers with streamlined solutions to enhance their product quality and performance.

DUNBAR-CRFR

2:1 SHRINK RATIO, NEOPRENE, FLEXIBLE, FLAME RETARDENT TUBING



Product Dimensions

Minimum Shrink Temperature: 135 °C

	Expanded		Recovered				
Size	Internal Diameter (Minimum) (D)		Internal Diameter (Maximum) (d)		Total Wall Thickness (Nominal) (t)		Standard Spool Length
in	In.	mm	In.	mm	ln.	mm	ft
	0.405	2.0	0.000	4.0	0.000	0.7	500
1/8"	0.125	3.2	0.062	1.6	0.028	0.7	500
3/16"	0.188	4.8	0.093	2.4	0.030	0.7	250
1/4"	0.250	6.4	0.143	3.6	0.035	0.9	250
3/8"	0.375	9.5	0.211	5.4	0.040	1.0	100
1/2"	0.500	12.7	0.286	7.3	0.048	1.2	100
5/8"	0.625	15.9	0.357	9.1	0.052	1.3	100
3/4"	0.750	19.1	0.428	10.9	0.057	1.4	100
7/8"	0.875	22.2	0.500	12.7	0.065	1.7	100
1"	1.00	25.4	0.570	14.5	0.070	1.8	100
1-1/4"	1.25	31.8	0.714	18.1	0.087	2.2	100
1-1/2"	1.5	38.1	0.857	21.8	0.095	2.4	100

sales@matrixtechnology.ca Head Office: 905-477-4442 Branch Office: 514-694-7373