

Electrical Mechanical Insulation













CNP 200

Neoprene Heat Shrink Tubing, suitable for harnessing, hydraulic couplings and applications requiring exceptional flexibility

Features

- Superior cut-through and abrasion resistance
- Very flexible even at low temperatures
- Excellent oil resistance
- Meets: MIL-R-46846, Type I; MIL-DTL-23053/1; Class 1 & 2, AMS 3623,
- Continuous operating temperature: -70°C to 121°C
- Shrink temperature: 135°C

A SHAW INDUSTRIES COMPANY

CNP 200

Thin Wall Neoprene

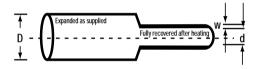
Technical Data

Physical		
Property	Test Method	Typical Performance
Tensile Strength	ASTM D2671, ISO 37	2100 psi (14.5 MPa)
Elongation	ASTM D2671, ISO 37	500%
Longitudinal Change	ASTM D2671	+1, -10%
Specific Gravity	ASTM D792	1.3
Low Temperature Flexibility (4hrs at -70°C)	ASTM D2671	No cracking
Flammability	ASTM D2671	Self-extinguishing
Electrical		
Dielectric Strength	ASTM D2671	800V/Mil (32kV/mm)
Volume Resistivity	ASTM D2671	10 ¹² ohm-cm
Chemical		
Fluid Resistance	MIL-DTL-23053/1, ISO 1817, ISO 37	Excellent
Copper Corrosion	ASTM D2671	Non-corrosive

Dimensions

Ordering

		EXPA	NDED		RECO	VERED			
ORDER I METRIC	ref. no. Imperial	INTERNAL (M			DIAMETER AX)	WALL THICKNESS (NOM)		STANDARD LENGTHS	
XXXX	YYYY	mm	D IN	mm	d _{IN}	mm	N IN	AA m	BB FT
0032	0125	3.2	1/8	1.57	0.072	0.760	0.030	60	200
0048	0187°	4.8	3/16	2.36	0.106	0.890	0.035	60	200
0064	0250	6.4	1/4	3.18	0.125	0.890	0.035	60	200
0095	0375	9.5	3/8	4.75	0.187	1.020	0.040	60	200
0127	0500	12.7	1/2	6.35	0.250	1.220	0.048	30	100
0160	0625	16.0	5/8	7.92	0.312	1.320	0.052	30	100
0190	0750	19.0	3/4	6.99	0.375	1.450	0.057	30	100
0223	0875	22.2	7/8	11.11	0.437	1.650	0.065	30	100
0254	1000	25.4	1	12.70	0.500	1.780	0.070	15	50
0320	1250	32.0	1 1/4	15.54	0.612	2.210	0.087	15	50
0381	1500	38.1	1 1/2	19.05	0.750	2.410	0.095	15	50
0445	1750	44.5	1 3/4	22.23	0.875	2.720	0.107	15	50
0508	2000	50.8	2	25.40	1.000	2.790	0.110	15	50
0752	3000	75.2	3	38.10	1.500	3.180	0.125	15	50
* Meets the	material p	erforman	ce of MIL	Spec only.					



CANUSA

There's no end to what we cover

CANUSA-EMI is a global company providing electrical and mechanical insulation solutions for a variety of industries and applications. Starting from products created by extensive developmental research at Shaw Industries (incorporated 1955), CANUSA-EMI is a recognized world leader in the provisioning of high quality heat shrink products.

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To Order in	Metric Units: Order Ref. No.	Options			
CNP	200 - XXXX - (CC - 00	- AA - M	[
	Imperial Units: Order Ref. No.	Options			
CNP	200 - YYYY - C		- BB - I Standard Length		
Standard Colors (CC) Options (00)					
Standard Cold	ors (CC)	Options (O))		
Standard Cold	ors (CC)	Options (O Unprinted)) 00		
Order Color	ors (CC)				
Order Code Color	lors	Unprinted	00		
Order Code Color BK BLACK * For additional co	lors	Unprinted Printed	00		

Standards: MIL-R-46846, Type I; MIL-DTL-23053/1; AMS 3623 Note: Non-standard colors, sizes and lengths available subject to factory quotation. <u>REV 1</u>