

# PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **11N**

## OSNE HEAT SHRINKABLE NEOPRENE TUBING

**Chlorinated Elastomer conforming to Def.Stan.59.97, Issue 3, Type 6a.**

OSNE tubing is a highly flexible, flame-retardant, abrasion resistant, elastomer suitable for continuous use from -70°C to +120°C. It has a shrink ratio of 2.1, and is particularly useful in harnessing applications that require outstanding low-temperature flexibility combined with mechanical toughness.

OSNE has excellent flame and solvent properties, and is not degraded by fluids and solvents found in normal ground support or military vehicle applications.

### Average performance details:-

Temperature Range	: -70°C to +120°C (200°C for short periods)
Shrink Temperature	: Optimum 115°C by hot air blower, shrink Tunnel, etc.
Tensile Strength	: 11,000 kNm <sup>-2</sup> Min.
Elongation at Break	: 250%
Max. Longitudinal Change	: ±10%
Flammability	: Self-extinguishing.
Proof Voltage	: 15kV per 1mm wall thick.
Fluid Resistance	: Good resistance offered to:- Iso-octane/Toluene Kilfrost Def.Stan.91-48
Colour Availability	: Black

Reference No.	Expanded Dimensions Internal Diameter mm	Recovered Dimensions		Quantity Per Reel Metres
		Internal Diameter mm/maximum	Wall Thickness mm/nominal	
SNE 32	3.2	1.6	0.69	150
SNE 48	4.8	2.4	0.84	60
SNE 64	6.4	3.2	0.90	60
SNE 95	9.5	4.8	1.0	30
SNE 127	12.7	6.4	1.2	30
SNE 160	16.0	8.0	1.3	30
SNE 191	19.1	9.5	1.4	30
SNE 254	25.4	12.7	1.8	30
SNE 318	31.8	15.5	2.2	30
SNE 380	38.0	19.0	2.4	30
SNE 445	44.5	22.2	2.7	30
SNE 510	51.0	25.4	2.8	30

All dimensions given are nominal. Other sizes are available to special order.