

PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **07H**

OSNH NON-HALOGEN, FLAME RETARDANT HEAT-SHRINKABLE TUBING

A non-halogen heat-shrinkable tubing conforming to Def. Stan. 59-97/3 Type 8.

For use where low fire-hazard properties are mandatory. OSNH Tubing would be used in some of the following ways:-

- Over sleeving
- Harness Jacketing
- Cable Sleeves
- Cable Identification Markers,

in those areas where a high degree of reliability and safety is required, such as Mass Transportation, Defence, Off-shore and Petrochemical industries, etc.

The material is available in continuous length, cut sleeves, or as cable markers printed to customer specification.

Low Fire Hazard Characteristics

	Def. Stan. Requirements	Actual
Oxygen Index	: 29 Min.	36
Toxicity Index	: 5 Max	0.983
Smoke Index	: 20 Max.	5.6
Flammability	: Self-extinguishing within 30 secs. No flaming drips.	
Flame Temp Index	: 250 Min	355

Average performance details:-

Operating Temperature	: -40°C to 105°C
Shrink Temperature	: 135°C
Longitudinal Change	: -5%
Tensile Strength	: 11.4 MPa
Elongation at Break	: 380%
Colour Availability	: Black, Yellow, White, Red, Blue and Green.

Reference No	Expanded Dimensions Internal Diameter mm/minimum	Recovered Dimensions		Quantity Per Reel Metres
		Internal Diameter mm/maximum	Wall Thickness mm/ nominal	
SNH32	3.2	1.6	0.7	150
SNH48	4.8	2.4	0.84	60
SNH64	6.4	3.2	0.9	60
SNH95	9.5	4.8	1.0	30
SNH127	12.7	6.4	1.2	30
SNH191	19.1	9.5	1.4	30
SNH254	25.4	12.7	1.8	30

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