

# PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: 11H

<b>OSH HEAT SHRINKABLE POLYOLEFIN TUBING</b>
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**Cross-linked flexible Polyolefin Tubing conforming to Def. Stan. 59-97, Issue 3, Type 1a and 2b.**

OSH is an extremely flexible irradiated tubing with a nominal shrink ratio of 2:1. Flame-retarded (not clear) it meets a wide range of both military and industrial specifications.

An important feature of OSH Polyolefin is that, as well as being available in continuous lengths, (min. 1 reel), all the diameters given in the table below can be cut to length, or printed and cut to customers special requirements. Other sizes up to 101.6mm diameter are available to special order.

### Specification Values:-

Temperature Range	: -55°C to +135°C (225°C for short periods)
Shrink Temperature	: Optimum 115°C by hot air blower, shrink tunnel, etc.
Tensile Strength	: 10,000 kNm <sup>2</sup> Min.
Elongation at Break	: 250% Min.
Max. Longitudinal Change	: +0% -5%
Flammability	: Self- Extinguishing (Except Clear)
Proof Voltage	: 14kV per 1mm wall thick. Min.
Fluid Resistance	: Good resistance offered to:- Iso-octane/Toluene Kilfrost. Def. Stan. 91-48
Colour Availability and	: Standard colours are Black, Red, Yellow, Blue, White  Clear but other colours are available to special order.

**N.B: Typical values will normally exceed specification limits.**

Reference No.	Expanded Dimensions Internal Diameter mm	Recovered Dimensions		Quantity Per Reel Metres
		Internal Diameter mm/maximum	Wall Thickness mm/nominal	
SH12	1.2	0.6	0.40	300
SH16	1.6	0.8	0.43	300
SH24	2.4	1.2	0.51	150
SH32	3.2	1.6	0.51	150
SH48	4.8	2.4	0.51	60
SH64	6.4	3.2	0.64	60
SH95	9.5	4.8	0.64	60
SH127	12.7	6.4	0.64	60
SH191	19.1	9.5	0.76	60
SH254	25.4	12.7	0.89	60
SH381	38.1	19.1	1.02	60

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