

# PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **18H**

## OSH 3:1 HEAT SHRINKABLE POLYOLEFIN TUBING

Cross-linked flexible Polyolefin Tubing conforming to Def. Stan. 59-97, Issue 3, Type 2b.

OSH 3:1 is a very flexible flame-retarded irradiated polyolefin tubing, with a nominal shrink ratio of 3:1. Being manufactured from the same material as ordinary 2:1 ratio grade OSH, it has all the benefits of superb quality and handling properties, plus the added convenience of a 3:1 shrink ratio. A whole range of cable sizes can now be accommodated by only a few stock sizes of OSH 3:1.

Printed markers can be made to customer requirements with marking being resistant to most common fluids and solvents.

Material properties are as standard OSH except for dimensions.

### 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	: 10,000kNm <sup>2</sup> Min.
Elongation at Break	: 250% Min.
Max. Longitudinal Change	: +5% - 10%
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	: Black and yellow are standard, but other colours are available.

**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	
SH15/05	1.5	0.5	0.50	300
SH30/10	3.0	1.0	0.60	150
SH60/20	6.0	2.0	0.70	60
SH90/30	9.0	3.0	0.80	60
SH120/40	12.0	4.0	0.85	60
SH180/60	18.0	6.0	1.00	60
SH240/80	24.0	8.0	1.20	60
SH400/130	40.0	13.0	1.25	60

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