



# DOTshrink Heatshrink Tubing

The DOTshrink range of Heatshrink Tubing offer clients a convenient and cost-effective way of identifying cores and cables permanently, even in tough industrial environments.

Manufactured from flame retarded military grade Polyolefin, DOTshrink Heatshrink Tubing meets the requirements of a wide range of industrial and high technical standards and are also very versatile through excellent balance of chemical, electrical and mechanical properties.

The operating temperature range of DOTshrink Heatshrink Tubing is  $-55^{\circ}\text{C}$  to  $+135^{\circ}\text{C}$ , they are unaffected by water and offer excellent resistance to commonly encountered industrial chemicals.

DOTshrink Heatshrink Tubing is supplied on continuous spools of up to 30 metres and printed via our DOT-FCM / DOTshrink System thermal transfer printer. The pre-formatted, user-friendly DOTlabel Software allows information to be imported direct from Word and Excel, as well as having an automatic sequencing feature.

The advantage of producing DOTshrink Heatshrink Tubing on a continuous spool is twofold. Firstly, it allows clients to change the length of each individual marker sleeve without changing the spool each time by simply selecting another template in DOTlabel Software, and more importantly, it's more cost effective.

**Temperature range:**  $-55^{\circ}\text{C}$  to  $+135^{\circ}\text{C}$   
( $225^{\circ}\text{C}$  for shorter periods)

**Optimum shrink temperature:**  $115^{\circ}\text{C}$

**Self extinguishing** (except transparent)

**Excellent colour fastness**

**Available in 11 colours** (white as standard)



**Table of Standard Sizes and Packaging**

Part No:	Inside Diameter (mm)		Wall Thickness (mm)	Spool Size (metres)
	Expanded	Recovered	Recovered (nom)	
DOTshrink2.4	2.4	1.2	0.51 +/-0.07	30m
DOTshrink3.2	3.2	1.6	0.51 +/-0.07	30m
DOTshrink4.8	4.8	1.6	0.51 +/-0.07	30m
DOTshrink6.4	6.4	3.2	0.64 +/-0.07	30m
DOTshrink9.5	9.5	4.8	0.64 +/-0.07	30m
DOTshrink12.7	12.7	6.4	0.64 +/-0.07	30m
DOTshrink19.1	19.1	9.5	0.76 +/-0.07	30m
DOTshrink25.4	25.4	12.7	0.89 +/-0.07	20m

Approvals & Standards	Property	Value
BS3G198 Type 11A & 11B Def. Stan. 59-97/3 Type 1a & 2b SAE-AMS-DTL-23053/5 (MIL-I-23053/5) UL224 VV-1 Flammability	Temperature Range Temp. max short period Colour Fastness Flammability Tensile Strength Elongation at Break Chemical Resistance Resistance to Mould Growth Proof Voltage Max Longitudinal Change	$-55^{\circ}\text{C}$ to $+135^{\circ}\text{C}$ $225^{\circ}\text{C}$ Standard 6 minimum Self extinguishing 10.0 MPa minimum 250% minimum G198 / D.S. 59-97, Good BS2011 pt. 2.1j 14kV per 1mm wall thickness +0%, -5%

## Coloured and Adhesive Lined Heatshrink Tubing

DOTgroup International can also supply a range of coloured B I I Heatshrink Tubing and Adhesive Lined B I I Tubing, which can be supplied on spools or cut to length. The standard colours available are black, red, yellow, green, blue and white and are available in sizes from 1.2mm to 101.6mm. Please contact us if you require more information or a quotation.

