



DOTshrink System - Heatshrink Tubing

Product Overview

The DOTshrink System range of heatshrink marker sleeves 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 marker sleeves meet 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 marker sleeves is -55°C to $+135^{\circ}\text{C}$, they are unaffected by water and offer excellent resistance to commonly encountered industrial chemicals.

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

The advantage of producing DOTshrink marker sleeves 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°C to $+135^{\circ}\text{C}$
(225°C for shorter periods)

Optimum shrink temperature: 115°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	Temperature Range	-55°C to $+135^{\circ}\text{C}$
Def. Stan. 59-97/3 Type 1a & 2b	Temp. max short period	225°C
SAE-AMS-DTL-23053/5 (MIL-I-23053/5)	Colour Fastness	Standard 6 minimum
UL224VW-1 Flammability	Flammability	Self extinguishing
	Tensile Strength	10.0 MPa minimum
	Elongation at Break	250% minimum
	Chemical Resistance	G198 / D.S. 59-97, Good
	Resistance to Mould Growth	BS2011 pt. 2.1J
	Proof Voltage	14kV per 1mm wall thickness
	Max Longitudinal Change	+0%, -5%

Coloured and Adhesive Lined Heatshrink Tubing

DOTgroup International can also supply a range of coloured B11 Heatshrink Tubing and Adhesive Lined B11 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.

