



## PRINTASHRINK DR

## TECHNICAL DATA

**Printashrink DR is a diesel-resistant, non-flammable heatshrinkable tube which also offers excellent abrasion resistance. It has a continuous operating temperature up to 150°C and a 2:1 shrink ratio, and is available in black in sizes up to 50.8mm ID as standard and can be [cut](#) and [printed](#) as required.**

This diesel resistant medium walled high performance heatshrink elastomer sleeving is specially formulated for high temperature fluid and long term heat resistance. It offers excellent protection against most fluids including aviation fuel, diesel, hydraulic fluids and lubricating oils. This makes it suitable for protecting military, ground and vehicle cables and harnesses. Furthermore its abrasion resistance and superior mechanical properties recommend it for harsh environments. It is used in many sectors including military, aerospace, marine, industrial and railways.

- **SHRINK RATIO** 2:1
- **SIZES** 3.2mm – 50.8mm
- **SHRINK TEMPERATURE** 175°C
- **OPERATING TEMPERATURE** -75°C – + 150°C
- **FLAME RETARDANT:** Pass
- **COLOURS** Black
- **PACKING** Reels, cut to length, cut sleeves

Properties	Typical Values	Test Methods
<b>GENERAL</b>		
Operating Temperature	-75°C – + 150°C	
Shrink temperature	175°C	
Shrink Ratio	2:1	
<b>PHYSICAL</b>		
Tensile Strength	14MPa min	ISO 37
Ultimate elongation	350% min	ISO 37
<b>THERMAL</b>		
Flammability	Pass	ASTM D876
Heat shock (4hrs)	at 215°C, no dripping, cracking or flowing	ASTM D2671
Low temperature flexibility (4hrs @ -55°C)	at -75°C, No cracking	ASTM D2671
Heat ageing (168hrs)	at 160°C, tensile 10 MPA min, elongation 200% min	ASTM D2671

<b>ELECTRICAL</b>		
Dielectric strength	8kV/mm min	IEC 243-1
<b>CHEMICAL</b>		
Copper corrosion	No corrosion	ASTM D2671
Fluid resistance	Gasoline, diesel fuel, hydraulic fluid, lubricating oil – tensile 10MPa min, elongation 300% min	ISO 37
Fungus resistance	Not greater than rating 2	BS 2011 Pt 2 1J

Size (mm)	Supplied diameter (mm)	Shrunk diameter (mm)	Nominal wall thickness (mm)
3.2	3.2	1.6	0.76
4.8	4.8	2.4	0.84
6.4	6.4	3.2	0.89
9.5	9.5	4.8	1.02
12.7	12.7	6.4	1.22
19	19	9.5	1.45
25.4	25.4	12.7	1.78
38.1	38.1	19.1	2.41
50.8	50.8	25.4	2.79

Printasleeve Ltd is as diligent as possible in compiling and updating the above information. It reflects averages derived from product sample testing, is subject to normal manufacturing and testing tolerances and may be changed without notice. Furthermore aesthetic and textural style differences can result in local variation. For specific or further information concerning our products, their specifications and their utilisation please contact us.