



## **DR-25 Heat-Shrinkable Tubing** **Flexible, Chemical and Abrasion Resistant**

### **Application**

DR-25 heat-shrinkable tubing is flexible and abrasion resistant. It is made from a radiation cross-linked elastomeric material specially formulated for optimum high temperature fluid resistance, and long term heat resistance.

DR-25 tubing is suitable as a jacketing material for military vehicle cables and harnesses.

The operating temperature of DR-25 tubing is from -75°C to +150°C for long periods. Shrinking to 50% of its supplied diameter when heated, 10 standard sizes of DR-25 tubing will cover the diameter range from 1.6 mm to 70 mm. The product is printed with the product description and size.

### **Features**

- Flame Retarded
- Operating temperature range -75°C to +150°C
- Shrink ratio 2:1
- Flexible
- Abrasion resistant
- Chemical resistant



## TECHNICAL INFORMATION



Part Code	Description	Inside Diameter (mm)		Wall Thickness (mm)		Weight (g/m)	MOQ
		As supplied Min. D	After recovery Max. d	After recovery Min. t			
EH130-1000	DR 25 - 1/8	3.2	1.6	0.76		7	10m
EH130-1005	DR 25 - 3/16	4.8	2.4	0.84		12	10m
EH130-1010	DR 25 - 1/4	6.4	3.2	0.89		15	10m
EH130-1015	DR 25 - 3/8	9.5	4.8	1.02		25	10m
EH130-1020	DR 25 - 1/2	12.7	6.4	1.22		39	10m
EH130-1025	DR 25 - 3/4	19	9.5	1.45		68	10m
EH130-1030	DR 25 - 1	25.4	12.7	1.78		111	10m
EH130-1035	DR 25 - 1 1/2	38	19	2.41		223	10m
EH130-1040	DR 25 - 2	51	25.4	2.79		341	10m

The largest size which will recover snugly over the component to be covered should be ordered.

The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage.

Other lengths and sizes are available subject to special order.

### Standard colours

Colour	Black
Code	0

### Approvals

MIL-DTL-23053/16 except 1/8 and 3/16
VG95343 Part 5 Type D
VDE 0341/Pt 9005
Def Stan 59-97 Issue 3 Type 6B
BS 4G-198 Part 3 10A

### Performance

Test	Test method	Test requirement	
Heat ageing:	ISO188 (168 h at 160C)	Tensile strength:	8 MPa (min)
		Ultimate elongation:	200% (min)
Flexibility (2% secant):	ASTM D882	50 MPa (max)	
Dielectric strength:	IEC 243	8 MV/m (min)	
Flammability:	ASTM D2671 (Procedure A)	Size <sub>2</sub> :	15 s (max)
Fluid resistance:	24 h at various temperatures ISO37	Tensile strength:	10 MPa (min)
		Ultimate elongation:	300% (min)
		Diesel fuel at 70°C	
		Hydraulic (H515) at 70°C	
		Lubricating oil (0.156) at 100°C	