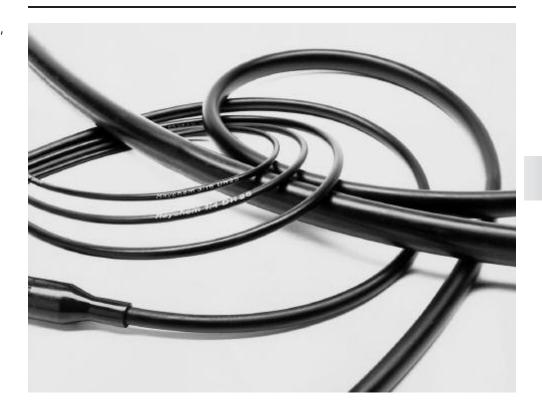


### Electronics

Heat-Shrinkable, Flexible, Chemical and Abrasion Resistant Tubing

#### **Product Facts**

- Flame-retardant
- System 25 tubing
- Shrink ratio 2:1







### **Applications**

Specially formulated for optimum high temperature fluid resistance, and long term heat resistance.
Resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils.

**Special Purpose Tubing** 

**DR-25** 

Particularly suitable as a jacketing material for military ground vehicle cables and harnesses. It is also ideally suited for the demands of motorsport cable harnesses. When used in conjunction with System 25 heat-shrinkable molded shapes and S1125 high performance adhesive, these products provide a complete cable harness system.

### Installation

Minimum shrink temperature: 150°C [302°F] Minimum full recovery temperature: 175°C [347°F]

### **Operating Temperature Range**

-75°C to 150°C [-103°F to 302°F] (per VG 95343 Part 5 Type D)

### Specifications/Approvals

Series	Military	Raychem
DR-25	AMS-DTL-23053/16*	RT-1116
	VG95343 Part 5 Type D	RK-6008/1
	VDE 0341/Pt 9005	
	Def Stan 59-97 Issue 3 Type 6B	
	BS 4G-198 Part 3 10A	

<sup>\*</sup>Formerly MIL-I-23053/16 and MIL-DTL-23053/16.

Available in:	Americas	Europe	Asia Pacific
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Heat-Shrinkable Tubing



# Special Purpose Tubing

# Raychem

## **Electronics**

### **Product Dimensions**

### DR-25 (Continued)

	Inside I	Inside Diameter		
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	Wall Thickness** After Heating	
1/8	3.2 [0.125]	1.6 [0.062]	0.76 ± 0.15 [0.030 ± 0.006]	
3/16	4.8 [0.187]	2.4 [0.093]	$0.84 \pm 0.15 [0.033 \pm 0.006]$	
1/4	6.4 [0.250]	3.2 [0.125]	$0.89 \pm 0.15 [0.035 \pm 0.006]$	
3/8	9.5 [0.375]	4.8 [0.187]	1.02 ± 0.20 [0.040 ± 0.008]	
1/2	12.7 [0.500]	6.4 [0.250]	1.22 ± 0.20 [0.048 ± 0.008]	
3/4	19.0 [0.748]	9.5 [0.375]	1.45 ± 0.28 [0.057 ± 0.011]	
1	25.4 [1.000]	12.7 [0.500]	1.78 ± 0.28 [0.070 ± 0.011]	
1 1/2	38.0 [1.500]	19.0 [0.748]	2.41 ± 0.41 [0.095 ± 0.016]	
2	51.0 [2.000]	25.4 [1.000]	2.79 ± 0.41 [0.110 ± 0.016]	
3	76.0 [3.000]	38.0 [1.500]	3.18 ± 0.50 [0.125 ± 0.020]	

<sup>\*\*</sup>Wall thickness will be less if tubing recovery is restricted during shrinkage.

### **Ordering Information**

Color	Standard	Black (-0)
Size selection		at size that will shrink snugly over the component to be covered.
Standard packaging	On spools.	
Ordering description***	Specify product name,	size and color (for example, DR-25 1/8-0)

<sup>\*\*\*</sup>Europe only. For supply to Def Stan and BS add -DS or -BS to ordering description.

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