

Heat-Shrinkable, Flexible,  
Chemical and Abrasion  
Resistant Tubing

**Product Facts**

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



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Heat-Shrink Tubing,  
Molded Parts and Adhesives

**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.

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* VG 95343 Part 5 Type D VDE 0341/Pt 9005 Def Stan 59-97 Issue 3 Type 6B BS 4G-198 Part 3 10A	RT-1116 RK-6008/1

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

Product Dimensions

DR-25 (Continued)

Size	Inside Diameter		Recovered Wall Thickness** After Heating
	Minimum Expanded as Supplied	Maximum Recovered 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 ± 0.15 [0.033 ± 0.006]
1/4	6.4 [0.250]	3.2 [0.125]	0.89 ± 0.15 [0.035 ± 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]

\*\* Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

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

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