

DR-25

Diesel-resistant, flexible elastomer tubing

Fax-on-Demand: (800) 260-9099
(650) 361-6523

FAX ID	Description
2040	Data sheet
2041	RT-1116

Before ordering check with factory for most current data.



Applications

Resistance to aviation and diesel fuels, hydraulic fluids, and lubricating oils makes this product ideal for a variety of applications where a rugged, fluid-resistant tubing is necessary. Particularly suitable for protecting cables and wiring harnesses on military ground vehicles.

Operating Temperature Range

-75°C to 150°C (per VG 95343 Part 5 Type D)

Features/Benefits

- 2:1 shrink ratio.
- Long-term fluid and heat resistance.
- Heavy-wall, flexible harnessing tubing.
- Reliable protection against abrasion and mechanical damage.
- Capability for use with Raychem -25 molded parts and S-1125 high-performance adhesive, offering a compatible system for cable harnessing.

Installation

Minimum full recovery temperature: 175°C

Specifications/Approvals

Series	Military	Raychem
DR-25	MIL-DTL-23053/16* (except 1/8 and 3/16)	RT-1116
	VG 95343 Part 5 Type D	
	BS 3G-198 Part 3 10A Def. Stan. 59-97 Issue 3 Type 6B	RK-8006

*Formerly MIL-I-23053/16.

Product Dimensions (mm/in)

Size	Inside diameter			Size	Inside diameter		
	Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**		Minimum expanded as supplied	Maximum recovered after heating	Wall thickness Recovered after heating**
1/8	3.2 (.125)	1.6 (.062)	0.76 ±.15 (.030 ±.006)	3/4	19.1 (.750)	9.5 (.375)	1.45 ±.28 (.057 ±.011)
3/16	4.8 (.187)	2.4 (.093)	0.84 ±.15 (.033 ±.006)	1	25.4 (1.000)	12.7 (.500)	1.78 ±.28 (.070 ±.011)
1/4	6.4 (.250)	3.2 (.125)	0.89 ±.15 (.035 ±.006)	1 1/2	38.1 (1.500)	19.0 (.750)	2.41 ±.41 (.095 ±.016)
3/8	9.5 (.375)	4.8 (.187)	1.02 ±.20 (.040 ±.008)	2	50.8 (2.000)	25.4 (1.000)	2.79 ±.41 (.110 ±.016)
1/2	12.7 (.500)	6.4 (.250)	1.22 ±.20 (.048 ±.008)	3	76.2 (3.000)	38.1 (1.500)	3.18 ±.50 (.125 ±.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.
Marking	Marked "Raychem (tubing size) DR-25".
Ordering description	Specify product name, size, and color (for example, DR-25 1/4-0).