

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

Before ordering check with factory for most current data.

FAX ID	Description
2000	Data sheet
2001	RK-6025

ATUM

High-shrink-ratio, adhesive-lined polyolefin tubing

Applications

Environmentally seals and protects a wide variety of electrical applications, including back end connector sealing, breakouts, and connector-to-cable transitions. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.

Operating Temperature Range

-55°C to 110°C

Features/Benefits

- 3:1 and 4:1 shrink ratios allow for connector-to-cable sealing.
- Tubing environmentally seals and protects components and interconnections.
- Medium wall provides increased mechanical protection.
- ATUM adhesive bonds to a wide variety of plastics, rubbers, and metals, including polyethylene, aluminum, steel, and copper.

Installation

Minimum shrink temperature: 80°C

Minimum full recovery temperature: 110°C



Specifications/Approvals

Series	Military	Raychem
ATUM	MIL-DTL-23053/4,* Class 3	RK-6025

*Formerly MIL-I-23053/4.

Product Dimensions (mm/in)

Size	Inside diameter		Recovered wall thickness**		
	Minimum expanded as supplied	Maximum recovered after heating	Total wall	Nominal adhesive wall	
3:1					
1/8	3 (.118)	1 (.039)	1.00 ±.28 (.039 ±.010)	0.50 (.020)	
1/4	6 (.236)	2 (.079)	1.00 ±.28 (.039 ±.010)	0.50 (.020)	
3/8	9 (.354)	3 (.118)	1.40 ±.28 (.055 ±.010)	0.61 (.024)	
1/2	12 (.472)	4 (.157)	1.78 ±.38 (.070 ±.015)	0.76 (.030)	
3/4	19 (.748)	6 (.236)	2.25 ±.55 (.088 ±.020)	0.76 (.030)	
1	24 (.940)	8 (.315)	2.54 ±.55 (.100 ±.020)	1.02 (.040)	
1 1/2	40 (1.570)	13 (.512)	2.54 ±.55 (.100 ±.020)	1.02 (.040)	
4:1					
4/1	4 (.157)	1 (.039)	1.00 ±.28 (.039 ±.010)	0.50 (.020)	
8/2	8 (.315)	2 (.079)	1.00 ±.28 (.039 ±.010)	0.50 (.020)	
12/3	12 (.472)	3 (.118)	1.40 ±.28 (.055 ±.010)	0.61 (.024)	
16/4	16 (.630)	4 (.157)	1.78 ±.38 (.070 ±.015)	0.76 (.030)	
24/6	24 (.945)	6 (.236)	2.25 ±.55 (.088 ±.020)	0.76 (.030)	
32/8	32 (1.260)	8 (.315)	2.54 ±.55 (.100 ±.020)	1.02 (.040)	
52/13	52 (2.050)	13 (.512)	2.54 ±.55 (.100 ±.020)	1.02 (.040)	

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

Ordering Information

Color	Standard	Black (-0)
	Nonstandard	Special order colors may be made available on request.
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	In 1.2-meter (4-foot) lengths.	
Ordering description	Specify product name, size (metric or inches), and color (for example, ATUM 8/2-0).	

ATUM is a trademark of Raychem Corporation.

Users should independently evaluate the suitability of the product for their application.