



## 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 and 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

#### Available in:

Americas

Europe

Asia Pacific

#### Specifications/approvals



Series	UL**	Military	Raychem
ATUM	600V, 110°C	AMS-DTL-23053/4,* Class 3	RW-2063 - Black RK-6024 - Colors and clear

\*Formerly MIL-I-23053/4 and MIL-DTL-23053/4.

\*\*Black only, except sizes 3/1 and 4/1.

**Product dimensions (mm/in)**

Inside diameter				Recovered wall thickness**						
Size		Minimum expanded as supplied		Maximum recovered after heating		Total wall after heating		Adhesive wall after heating (nominal)		
3:1										
6/20430	3/1	3	(0.118)	6/20400	1	(0.039)	1.00±0.28	(0.039±0.010)	0.50	(0.020)
	4.5/1.5	4.5	(0.177)		1.5	(0.059)	1.10±0.25	(0.043±0.011)	0.50	(0.020)
6/20432	6/2	6	(0.236)	6/20402	2	(0.079)	1.00±0.28	(0.039±0.010)	0.50	(0.020)
6/20434	9/3	9	(0.354)	6/20404	3	(0.118)	1.40±0.28	(0.055±0.010)	0.61	(0.024)
6/20436	12/4	12	(0.472)	6/20406	4	(0.157)	1.78±0.38	(0.070±0.015)	0.76	(0.030)
6/20440	19/6	19	(0.748)	6/20410	6	(0.236)	2.25±0.55	(0.088±0.020)	0.76	(0.030)
	24/8	24	(0.940)		8	(0.315)	2.54±0.55	(0.100±0.020)	1.02	(0.040)
6/20446	40/13	40	(1.570)	6/20414	13	(0.512)	2.54±0.55	(0.100±0.020)	1.02	(0.040)
4:1										
	4/1	4	(0.157)		1	(0.039)	1.00±0.28	(0.039±0.010)	0.50	(0.020)
	8/2	8	(0.315)		2	(0.079)	1.00±0.28	(0.039±0.010)	0.50	(0.020)
	12/3	12	(0.472)		3	(0.118)	1.40±0.28	(0.055±0.010)	0.61	(0.024)
6/20438	16/4	16	(0.630)	6/20408	4	(0.157)	1.78±0.38	(0.070±0.015)	0.76	(0.030)
6/20442	24/6	24	(0.945)		6	(0.236)	2.25±0.55	(0.088±0.020)	0.76	(0.030)
6/20444	32/8	32	(1.260)	6/20412	8	(0.315)	2.54±0.55	(0.100±0.020)	1.02	(0.040)
	52/13	52	(2.050)		13	(0.512)	2.54±0.55	(0.100±0.020)	1.02	(0.040)

Vall 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 and color (for example, ATUM 8/2-0).	

\*\*\*For supply to MIL, Def Stan and BS add -MS, -DS or -BS to ordering description.