

REVISIONS

REV	DESCRIPTION /MODIFICATIONS	DATE	DWN	APVD
1	NEW DRAWING	06APR2020	BHR	GS

Applications

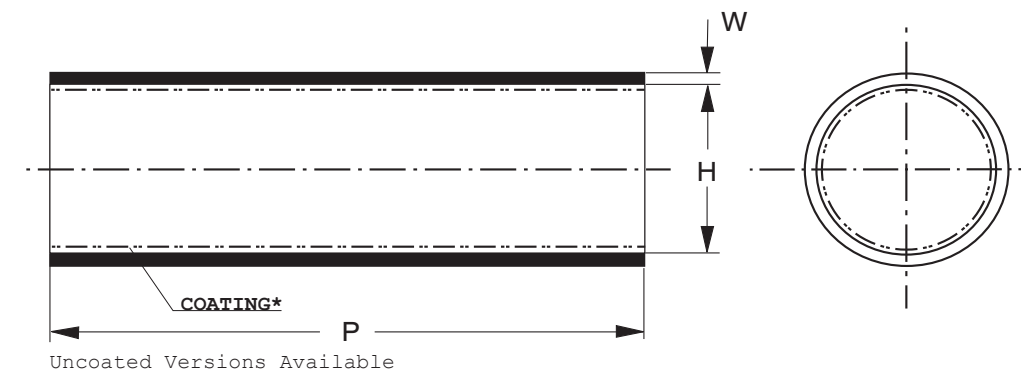
Environmentally seals and protects a wide variety of electrical applications, including back end connector sealing, breakouts, and connector-to-cable transitions. High expansion ratio makes it possible to repair most damaged cable jackets without removing connectors.

Installation

Minimum shrink temperature: 80°C [176°F]
 Minimum full recovery temperature: 110°C [230°F]


Operating Temperature Range

-55°C to 110°C
 [-67°F to 230°F]



Size	Inside Diameter		Recovered Wall Thickness**	
	Minimum Expanded as Supplied	Maximum Recovered After Heating	Total Wall After Heating	Adhesive Wall After Heating (Nominal)
3:1				
3/1	3.0 [0.118]	1.0 [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]
6/2	6.0 [0.236]	2.0 [0.079]	1.00 ± 0.28 [0.039 ± 0.010]	0.50 [0.020]
9/3	9.0 [0.354]	3.0 [0.118]	1.40 ± 0.28 [0.055 ± 0.010]	0.61 [0.024]
12/4	12.0 [0.472]	4.0 [0.157]	1.78 ± 0.38 [0.070 ± 0.015]	0.76 [0.030]
19/6	19.0 [0.748]	6.0 [0.236]	2.25 ± 0.55 [0.088 ± 0.022]	0.76 [0.030]
24/8	24.0 [0.940]	8.0 [0.315]	2.54 ± 0.55 [0.100 ± 0.022]	1.02 [0.040]
40/13	40.0 [1.570]	13.0 [0.512]	2.54 ± 0.55 [0.100 ± 0.022]	1.02 [0.040]
4:1				
4/1	4.0 [0.157]	1.0 [0.039]	1.00 ± 0.28 [0.039 ± 0.010]	0.50 [0.020]
8/2	8.0 [0.315]	2.0 [0.079]	1.00 ± 0.28 [0.039 ± 0.010]	0.50 [0.020]
12/3	12.0 [0.472]	3.0 [0.118]	1.40 ± 0.28 [0.055 ± 0.010]	0.61 [0.024]
16/4	16.0 [0.630]	4.0 [0.157]	1.78 ± 0.38 [0.070 ± 0.015]	0.76 [0.030]
24/6	24.0 [0.945]	6.0 [0.236]	2.25 ± 0.55 [0.088 ± 0.022]	0.76 [0.030]
32/8	32.0 [1.260]	8.0 [0.315]	2.54 ± 0.55 [0.100 ± 0.022]	1.02 [0.040]
52/13	52.0 [2.050]	13.0 [0.512]	2.54 ± 0.55 [0.100 ± 0.022]	1.02 [0.040]

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

Series	UL** 	Military	Raychem
ATUM	E85381 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 Sizes 3/1, 6/2, 12/4, 24/8, and 40/13 only.

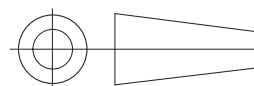
**Black only, except sizes 3/1 and 4/1.

Color	Standard	Black (-0)
	Non standard	Clear in 3:1 size only (-X, non-flame-retardant jacket); other colors available on request.
Size selection	Always order the largest size the 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 or on spools.	
Ordering description****	Specify product name, size and color (for example, ATUM 8/2-0)	

***Only 1.2 meter [4-foot] lengths are standard in the Americas. ATUM tubing on spoils is nonstandard.
 ****For supply to MIL spec., add MS to ordering description


THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS : mm



TOLERANCES UNLESS OTHERWISE SPECIFIED:

MATERIAL FINISH

DWM BHR	 TE Connectivity			
CHK GREG S				
APVD GREG S	NAME			
PRODUCT SPEC	ATUM CGAT			
APPLICATION SPEC	SIZE FORMAT	CAGE CODE	DRAWING NO	RESTRICTED TO
WEIGHT	A3	-	EPD-202-32208-01	-
CUSTOMER DRAWING	SCALE NTS	SHEET 1 OF 2	REV 1	