

RAYCHEM ATUM



- **High expansion ratio**
- **Adhesive-lined**

Thermo fit ATUM tubing is radiation cross linked, heat-shrinkable, and adhesive-lined to provide environmental sealing in a wide variety of electrical applications. The product is typically used to seal connector back-shells and cable breakouts and to repair damaged cable.

ATUM has an internal adhesive coating that, when heated, melts and flows to form a positive environmental seal. The coating adheres to the outer tubing and the surface below, creating an excellent barrier to moisture penetration. ATUM's adhesive bonds to a wide variety of plastics, rubbers, and metals, including PVC, polyethylene, rubber, and aluminium.

Because the tubing and adhesive are flexible, the moisture seal withstands bending of the substrate. This flexibility makes ATUM tubing ideal for cable repair.

ATUM tubing is available with expansion ratios of both 3:1 and 4:1. These high expansion ratios makes it possible to repair cables without removing connectors. Just a few sizes of ATUM tubing cover a wide range of substrates.

Temperature rating		
Minimum shrink temperature	125° C	
Continuous operating temperature	-55° C to 110° C	
Specifications*		
Type	Raychem	Military
ATUM	RK-6025	MIL-1-23053/4.C1.3
*When ordering, always specify latest issue.	Ordering Code Detail ATUM-Size E.G ATUM-12/4	This product is priced per meter - will order 3:1 12mm - 4mm
Dimensions (millimetres)		

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Inside Diameter			Recovered Wall	
Size 3:1	D (min) Expanded as Supplied	D (max) Recovered after Heating	W Total Wall	W1 Meltable Wall
3/1	3.0	1.0	1.0	.05
6/2	6.0	2.0	1.0	.05
9/3	9.0	3.0	1.4	0.61
12/4	12.0	4.0	1.78	0.76
19/6	19.0	6.0	2.25	0.76
24/8	24.0	8.0	2.54	1.00
40/13	40.0	13.0	2.54	1.00

Inside Diameter			Recovered Wall	
Size 4:1	D (min) Expanded as Supplied	D (max) Recovered after Heating	W Total Wall	W1 Meltable Wall
4/1	4.0	1.0	1.0	.05
8/2	8.0	2.0	1.0	.05
12/3	12.0	3.0	1.4	0.61
16/4	16.0	4.0	1.78	0.76
24/6	24.0	6.0	2.25	0.76
32/8	32.0	8.0	2.54	1.02
52/13	52.0	13.0	2.54	1.02