

TAT-125

Adhesive-lined flexible polyolefin tubing

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

FAX ID	Description
2200	Data sheet
2201	SCD

Before ordering check with factory for most current data.



Applications

Seals and protects simple in-line splices, bimetallic joints, and components from fluids, moisture, and corrosion. Repairs damaged wire insulation, especially where flexibility is required. Provides one-step electrical insulation and moisture sealing.

Operating Temperature Range

-55°C to 110°C

Features/Benefits

- 2:1 shrink ratio.
- Thin adhesive lining that bonds to outer tubing and surface below, forming a positive environmental seal.
- Flexibility of both tubing and adhesive.
- Moisture seal that is resistant to bending of the substrate.
- Good mechanical strength and cut-through resistance.
- Adhesive that bonds to a wide variety of plastics, rubbers, and metals, including polyethylene, neoprene, lead, and steel.

Installation

Minimum shrink temperature: 95°C

Minimum full recovery temperature: 121°C

Specifications/Approvals



Series	UL	Military	Raychem
TAT-125 Type 1 (colors)	E85381 600 V, 125°C	MIL-DTL-23053/4*, Class 2	TAT-125 SCD
TAT-125 Type 2 (clear)			TAT-125 SCD

*Formerly MIL-I-23053/4.

Product Dimensions (mm/in)

Size	Inside diameter		Recovered wall thickness**	
	Minimum expanded as supplied	Maximum recovered after heating	Nominal total wall	Nominal adhesive wall
1/8	3.2 (.125)	1.6 (.062)	.69 (.027)	.23 (.009)
3/16	4.8 (.187)	2.4 (.093)	.71 (.028)	.25 (.010)
1/4	6.4 (.250)	3.2 (.125)	.74 (.029)	.13 (.005)
3/8	9.5 (.375)	4.8 (.187)	.74 (.029)	.13 (.005)

Size	Inside diameter		Recovered wall thickness**	
	Minimum expanded as supplied	Maximum recovered after heating	Nominal total wall	Nominal adhesive wall
1/2	12.7 (.500)	6.4 (.250)	0.76 (.030)	.15 (.006)
3/4	19.1 (.750)	9.5 (.375)	0.89 (.035)	.15 (.006)
1	25.4 (1.000)	12.7 (.500)	1.07 (.042)	.20 (.008)
1 1/2	38.1 (1.500)	19.1 (.750)	1.19 (.047)	.28 (.011)

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

Ordering Information

Color	Standard	Black (-0)
	Nonstandard	White (-9), red (-2), blue (-6), yellow (-4), green (-5), brown (-1), orange (-3), violet (-7), gray (-8), clear (-X not flame-retardant)
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 or in 1.2-meter (4-foot) lengths.	
Ordering description	Specify product name, size, and color (for example, TAT-125 1/4-0).	