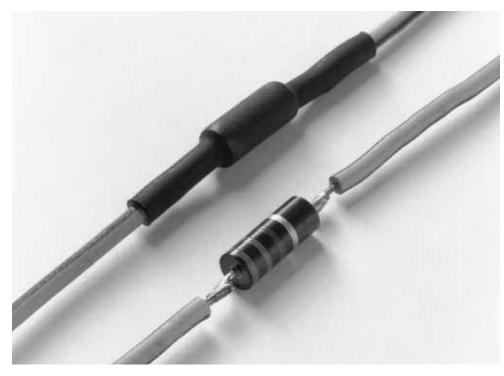


#### **TAT-125**

Adhesive-Lined, Flexible, Polyolefin Tubing

#### **Product Facts**

- 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
- RoHS compliant



#### **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 onestep electrical insulation and moisture sealing.

#### Installation

Minimum shrink temperature: 95°C [203°F] Minimum full recovery temperature: 121°C [250°F]

#### **Operating Temperature Range**

-55°C to 110°C [-67°F to 230°F]

## Specifications/Approvals

Series	UL* <b>511</b> °	Military	Raychem
TAT-125 Type 1 (colors)	E85381 600 V, 125°C	AMS-DTL-23053/4*, Class 2	RW-3032
TAT-125 Type 2 (clear)	_	_	RW-3032

<sup>\*</sup>Formerly MIL-I-23053/4 and MIL-DTL-23053/4. Sizes 1/4" through 1 1/2" only.

Available in:	Americas	Europe	Asia Pacific	
			•	



## **RAYCHEM Tubing Products**

## TAT-125 (Continued)

### **Product Dimensions**

	Inside Diameter		Recovered Wall Thickness**	
Size	Minimum Expanded as Supplied	Maximum Recovered After Heating	Total Wall After Heating (Nominal)	Adhesive Wall After Heating (Nominal)
1/8	3.2 [0.125]	1.6 [0.062]	0.69 [0.027]	0.23 [0.009]
3/16	4.8 [0.187]	2.4 [0.093]	0.71 [0.028]	0.25 [0.010]
1/4	6.4 [0.250]	3.2 [0.125]	0.74 [0.029]	0.13 [0.005]
3/8	9.5 [0.375]	4.8 [0.187]	0.74 [0.029]	0.13 [0.005]
1/2	12.7 [0.500]	6.4 [0.250]	0.76 [0.030]	0.15 [0.006]
3/4	19.1 [0.750]	9.5 [0.375]	0.89 [0.035]	0.15 [0.006]
1	25.4 [1.000]	12.7 [0.500]	1.07 [0.042]	0.20 [0.008]
1 1/2	38.1 [1.500]	19.1 [0.750]	1.19 [0.047]	0.28 [0.011]

<sup>\*\*</sup>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	In 1.2-meter [4-foot] lengths.		
Ordering description	Specify product name, size and color (for example, TAT-125 1/4-0).		

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MHHT-4-15K2-G-104 MIL-LT-1-1/2-4-SP MIL-LT-1-1/2-9-STK MIL-LT-1/2-2-STK MIL-LT-3/0-SP MIL-LT-3/32-0-SP MIL-LT-3/32-6-SP MIL-LT-3/4-6-SP MIL-LT-3/8-0-SP 8159270001 839602-000 8423-6 FP301-116-6"-Black FP301-1/2-48"-Black FP301-12-48"-Black FP301-1/4-48"-Black FP301-1/4-48"-White-Hdr FP301-1-6"-Clear FP301-18-48"-Black-Hdr FP301-1/8-6"-Black FP301-18-6"-Black FP301-316-48"-Black FP301-316-6"-Clear FP301-332-6"-Black 912229N002 120-126-16BL 121-001-09 121-018-32 121-018-40
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