

Raychem RT-555

High Temperature Heat Shrink Tape

The high temperature heat shrink tape is a bi-layer, side-entry, heat-recoverable sealing product whose length will shrink a predetermined percentage upon the application of heat in excess of 220°C (428°F).

Product Facts

- **Wrap around tape form Heat resistant to +200°C**
- **Fluid resistant**
- **Seals up to 15 psi**
- **Peel strength of at least 10 lbs/in-width**
- **Recovers 35% minimum**
- **Convenient tape form accommodates sealing harnesses and connectors in the field**
- **4 widths available: 3/4", 1", 1 1/2" and 2"**
- **2 continuous lengths available: 25 and 50 feet**



Applications

Commercial Aerospace, Military, Offshore Drilling, Down Hole Wire harness systems requiring high fluid and high temperature resistance

Repair tape for wire harness bundles

Repair of rock and debris damage on landing gear wiring

Mechanical

Peel strength higher than 10 lbs/in-width

Pressure seal up to altitudes of 75000' or 15 psi

Materials

The adhesive layer is a meltable fluoropolymer that will melt at the predetermined temperature lower than the recovery temperature of the tape backing.

Heat recoverable tape backing is made from high temperature crosslinked ETFE

Standards and Specs

TE Specification: RT-1381

Application Specification: TUS-41-3032 (Installation Guide)

Application Tooling

Raychem CV-1983 ThermoGun hot-air heating tool with TG-23, TG-24 reflectors

AD-1962 nozzle

Physical or Other Properties

Provided in side-entry heat-shrinkable tape form

The tape is suitable for use in wire harness systems requiring aggressive fluid and high temperature resistance.

Raychem RT-555 (Continued)

Product Dimensions and Ordering Information

Product Offering

Part Number	Package Type	Package Quantity
RT-555-T.75-A260-25	tape	25 feet
RT-555-T.75-A260-50	tape	50 feet
RT-555-T1.0-A260-25	tape	25 feet
RT-555-T1.0-A260-50	tape	50 feet
RT-555-T1.5-A260-25	tape	25 feet
RT-555-T1.5-A260-50	tape	50 feet
RT-555-T2.0-A260-25	tape	25 feet
RT-555-T2.0-A260-50	tape	50 feet

PART DESCRIPTION	W	LENGTH FEET(MIN)	T
RT-555-T.75-A260-XX	.75 [18.75]	25,50	.016 [.41]
RT-555-T1.0-A260-XX	1.0 [25]	25,50	.016 [.41]
RT-555-T1.5-A260-XX	1.5 [38]	25,50	.016 [.41]
RT-555-T2.0-A260-XX	2.0 [51]	25,50	.016 [.41]

Dimensions in inches [mm]

