



DATA SHEET

A575, A750, and Dahlar® MLF 52 HIGH SHRINK TAPES

Description

A575 high shrink tape is a biaxially oriented polyamide film. **A575RC*** is coated with a release agent for direct release. This eliminates the need for release films or release fabrics used under the **A575**. Ideal for mandrel wrapping aircraft tubular parts, golf shafts, tennis rackets, fishing rods, etc. Below are charts showing shrinkage and force generated. **A575**, **A575RC***, and **A750** are available with the P3 perforation for evacuation of volatiles. Designation is **A575 P3**, **A575RC* P3**, or **A750 P3**. **Dahlar® MLF 52** is a modified fluoro-carbon shrink tape that has high elongation, eliminating wrinkles when applying to the laminate and will release from any resin system. There are no release coatings, and it is blue for easy identification.

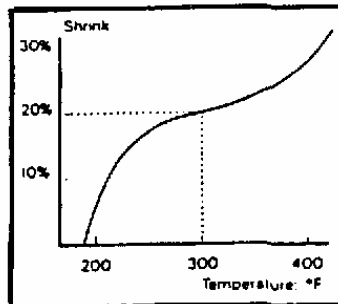


Fig. 1 Lengthwise shrinkage tape unrestrained

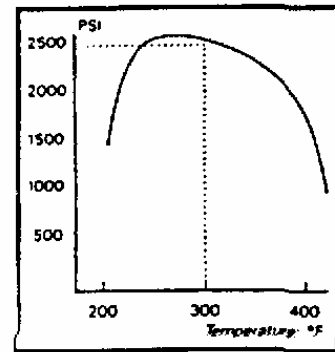


Fig. 2 Lengthwise contraction force – Tape fully restrained

Shrinkage Characteristics

Normal Shrinkage (lengthwise) at 300°F
 Maximum Shrink Force (lengthwise)
 Starts to Shrink
 Temperature Range for Practical Use
 Approximate Time to Reach Full Shrink
 After Exposure to Temperature

A575
.002" (50μ)
 20%
 2500 psi
 175°F (79°C)
 200-400°F (93-204°C)
 10 min.

A750
.002" (50μ)
 12% at 700°F (372°C)
 30,000 psi
 200°F (93°C)
 200-700°F (93-372°C)
 10 min.

Dahlar® MLF 52
.002" (50μ)
 26%
 1350 psi
 90°F (32°C)
 200-450°F (93-232°C)
 1 min.

Standard Sizes

3/4" (1.90cm) x 100 yards (91.44m) x .002 (50μ)
 1" (2.54cm) x 100 yards (91.44m)
 1 1/4" (3.17cm) x 100 yards (91.44m) x .002 (50μ)
 2" (5.08cm) x 100 yards (91.44m)
 2 1/2" (6.35cm) x 100 yards (91.44m) x .002 (50μ)

Other Widths Available

***Note: RC (release coating) is on the outer surface of the tape roll.**

Shelf Life: 18 months from date of shipment.

CATALOG POSITION: MISCELLANEOUS

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