

HI-SHRINK TAPE

DESCRIPTION

HI-SHRINK TAPE is a tough, flexible heat shrinkable polyester tape. When wrapped around an object and heated, HI-SHRINK TAPE has the unique ability to shrink and apply pressure. This simple method of applying pressure is used to advantage in many industries.

The compression force characteristics of HI-SHRINK TAPE make it an effective and useful tool for consolidating and compacting advanced composite parts. In addition, the tape can be used effectively for compressing, debulking, shaping, forming and banding various materials. HI-SHRINK TAPE is generally removed after application, and it is not reusable.

HI-SHRINK TAPE starts shrinking around 65°C and has been used in applications up to 180°C. If left unrestrained **HI-SHRINK TAPE 220** will shrink 20% after 15 minutes at 150°C.

HI-SHRINK TAPE is available release coated on one or both sides. The PTFE release coating allows for easy removal from various substrates. HI-SHRINK TAPE can also be perforated with pin holes on 1/4" (6mm) centers. This is to enhance its ability to outgas volatiles or excess resin during cure of Thermoset Composites.

PROPERTIES

Product Name	HI-SHRINK 220	HI-SHRINK 210
Shrink Percentage (±2%)*	20%	10%
Thickness	0.0018 in. (0.050mm)	
Starts to Shrink	150°F (65°C)	
Usage Temperatures	175°F - 350°F (80-180°C)	
Melting Point	484°F (251°C)	
Shelf Life	Unlimited at Room Temperature	

**Percent shrink will vary with temperature and exposure time. Measured shrink % is determined at 150°C for 15 minutes under no load. It is not recommended to expose tape to temperatures exceeding 200°C.*

Tests to determine application suitability should be made by each user. Dunstone can not guarantee performance in the user's application. 09-01-06 Copyright 2006 Dunstone Company, Inc.