

Hi-Shrink Tape Polyimide



Up to 400°C

Hi-Shrink Tape 208X is a heat shrinkable polyimide tape with higher temperature capabilities than any other shrinkable tape on the market today. Its primary application is to provide external compressive force to fully consolidate the higher cure temperature thermoplastic resin systems. The tape provides a simple and effective means to produce an end product, often without the need for vacuum bagging or autoclaving.

 **Up to 400°C**

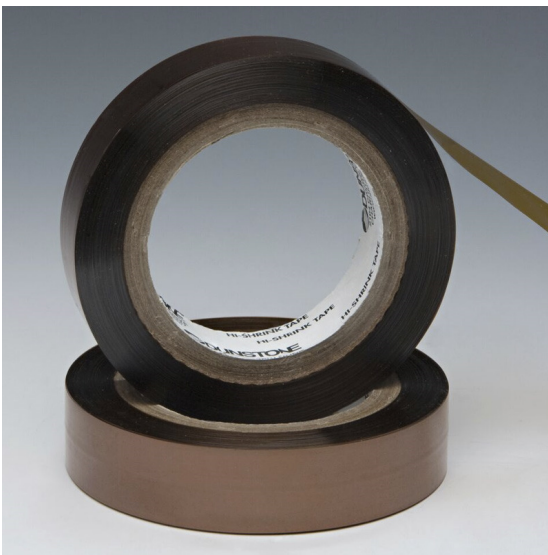
CURE TEMPERATURE

Product	Thickness	MD Shrink %	Max Shrink Force (lbs/inch of width)
208X	0.002 in (0.050 mm)	8%	8.9

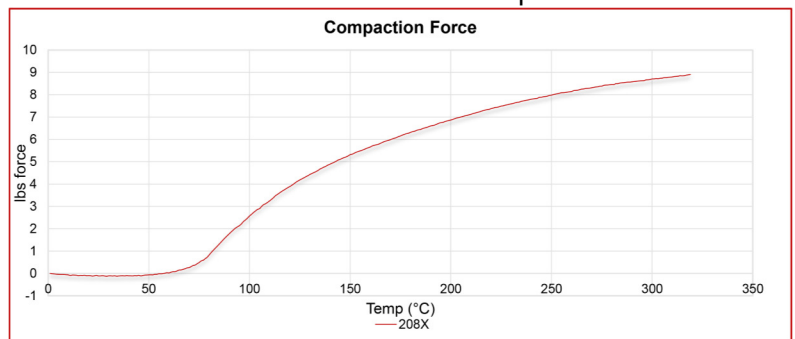
Hi-Shrink Tape 208X is a modified polyimide film that shrinks in the machine direction. The tape starts to shrink at approximately 70°C (155°F) and reaches its maximum shrink of 13% @ 350°C (660°F). 208X is the highest temperature shrink film available today for composite consolidation applications, and is used widely when dealing with PEEK, PPS, and other high temperature cure thermoplastic resin systems where consolidation pressures are required during cure. The MD shrink value of 8% is measured at 150C. 208X is unique in that it will continue to shrink and apply compaction force up to 350°C.

Availability

208X is slit to width and wound on 38mm or 76mm ID cores. Standard widths from 0.5" (12.5mm) wide up to 2.5" (62.5mm) wide are available in 0.25" (6.25mm) increments. Custom roll sizes and custom shrink percentages are available by request.



Shrink Force vs Temperature



Shrink % vs Temperature

