

1791

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20% Shrink Tape



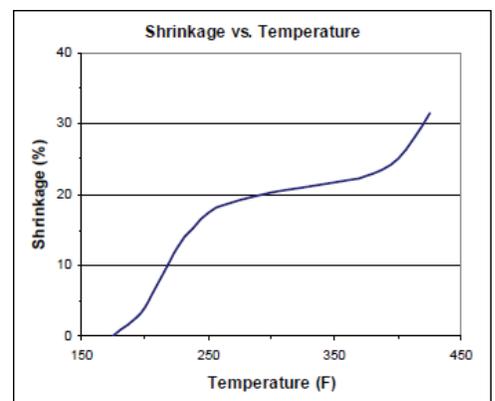
Create mechanical pressure without vacuum

Shrink Tape is a polyester compaction film used to wrap laminates and create mechanical pressure during cure. Unlike vacuum bagging, this tape creates pressure by way of heat, rather than vacuum. When heated, it shrinks up to 20%, compacting (or squeezing) the composite within, eliminating excess resin and air. As a result, parts feature a better fiber-to-resin ratio and improved physical properties.

Shrink Tape is often used instead of vacuum bagging to create or repair parts where shape or size makes the bagging process too labor intensive. This is often the case with tubing, composite cylinders, and large tanks. This tape can be wrapped around a composite cylinder or mandrel and withstand a cure cycle between 175°F and 400°F. Full shrink is achieved in approximately 15-20 minutes.

100 yards per roll, available in 1.25" and 2.5" wide rolls.

Physical Properties	#1791	#1792
Thickness	0.0018"	0.0018"
Color	Translucent	Translucent
Width	1.25"	2.50"
Film Material	Polyester with PTFE Release	Polyester with PTFE Release
Technical Properties		
Shrink Percentage	20%	20%
Shrink Force	7 lbs.	7 lbs.
Shrink Initiation Temp	175°F	175°F
Maximum use Temp	400°F	400°F
Thermal Properties		
See Chart Below		



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