



Specialty Coated & Laminated Products

Manufacturing Excellence



STAY TAPES

REDCORE® WIDAC® ITSTIX®

Product Specification Heat Seal Stay Tapes

Description

Heat Seal Stay Tapes are coated with a heat-activated adhesive and are offered in a variety of grades.

Features

- Repulpable and Recyclable Closure
- Wide Heat Seal Range
- Available in Widths 7/8", 3/4" and special custom sizes
- Shear Slit for highest quality finished rolls
- Center creased for improved forming capability
- FDA accepted heat seal formulation
- Smooth and uniform heat seal coating
- 1 3/8" ID core

Properties & Performance

Grades of Heat Seal

Properties*	Medium Duty	Heavy Duty	Reinforced
Basis Weight (lbs/ream)	65	97	125
Caliper (mils)	5.5	7.5	10
Tensile Strength - Machine Direction (lbs./in.)	38	58	-
Tensile Strength - Cross Machine Direction (lbs./in.)	17	26	-
Tear Strength - Machine Direction (grams)	100	200	-
Tear Strength - Cross Machine Direction (grams)	120	225	-
Heat Seal Range (°F)	275° F to 475° F	276° F to 475° F	300° F to 500° F
Dwell Time (minimum sec.)	0.3 seconds	0.3 seconds	0.4 seconds
Application Pressure (minimum psi)	20	20	20

*Nominal values

Typical Minimum Settings – All Grades**

Temperature (°F)	Dwell Time (Seconds)	Pressure (psi)
275°	2.5	30
300°	1.6	30
350°	0.9	30
400°	0.5	30
450°	0.4	30
475°	0.3	30

**Application results may vary depending upon conditions and process variability.

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