

# DATA SHEET

## MARVELSEAL 360 MIL-PRF-131, Class 1

**Structure: BON/PE/FOIL/PE**

Marvelseal 360 is heat sealable and can be used for applications requiring superior tear and puncture resistance as well as protection from light, air, and moisture vapor. As an added benefit, Marvelseal 360 conforms to FDA Regulations PART 177-1520 CFR21 for direct food contact when used as supplied and in accordance with sound manufacturing practices.

Properties	Typical Value	Unit of Measure	Test Method
Caliper	4.6	mils	TAPPI T494
WVTR @90% / 100°	<0.0006	g / CSI / 24hrs	ASTM F1249
Tensile (MD)	25	lb/in	TAPPI T411
Tensile (CD)	23	lb/in	TAPPI T411
Puncture Resistance	22	lbs	FED.101, 2065
Elmendorf Tear (MD)	116	grams	TAPPI T414
Elmendorf Tear (CD)	147	grams	TAPPI T414
Mullen Burst	74	psi	TAPPI T403
Seam Strength	17	lb/in	350° F: 50 psi: 0.5 sec

*Disclaimer: The data presented refers to typical values only and should serve only as a guide and does not encompass normal variability or constitute any warranty. We urge purchasers to conduct tests for suitability in their specific end use.*

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