

DATA SHEET

MARVELSEAL 470 MIL-PRF-131, Class 1

Structure: OPP/PE/Foil/PE

MARVELSEAL 470 meets all the requirements of MIL-PRF-131K, Class 1. MARVELSEAL 470 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 470 conforms to FDA Regulations PART 177-1520 CFR21 for direct food contact when used as supplied and in accordance with sound manufacturing practices.

Sealing: 350° F, 40 psi, 1.5 seconds.

Properties	NOM	MAX	UNITS	Test Method
WVTR	<0.0005	<0.02	G/100sq in/24hrs	MIL-STD 2017-3030
Oil Resistance	Passed	No delamination or leakage		MIL-STD 3015
Puncture Resistance	18	>15	lbs	MIL-STD 2065
Breaking Strength	68.8	<50	lbs/in	4.6.5
Tensile (MD)	29	N/A	lbs/in	TAPPI T411
Tensile (CD)	26	N/A	lbs/in	TAPPI T411
Caliper	0.0056	N/A	inches	TAPPI T411

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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