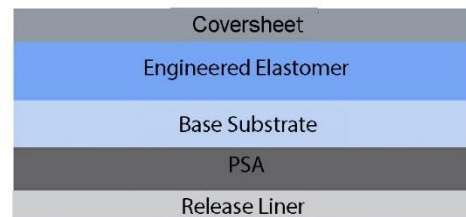




CARRIER FILM FOR LAPPING AND POLISHING

Technical Datasheet

Gel-Pak's LF, SF, and ALF Carrier films are designed for a broad range of applications such as holding disk drive row bars, crystals and other materials during lapping or polishing process steps.



The elastomers used in these films are optimized to have the proper cohesive strength, shear modulus, thickness tolerance, and tack to be compatible with the lapping environment and ensure the device dimensional specifications are achieved.

	LF	SF	ALF
Engineered Elastomer	Silicone	Fluorosilicone	Acrylic TPE
Thickness	6 or 17 mils	6 or 17 mils	2-4 mils
Shear Modulus (G') kPa	110	160	240
Tan Delta	0.16	0.11	0.17
Durometer (Shore 00)	50	55	75
Tack Level	Medium	Low	High
Tensile Strength @ Break (MPa)	1.2	1.6	3.5
Elongation @ Break (%)	300	250	450
Operating Temperature	0 to 150° C	0 to 150°C	0 to 60°C
Shelf Life (months)	24	24	18

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