

VERTEC® TEXTURIZED FILM (GP-TXF)

Technical Datasheet

Gel-Pak's bioinspired texturized film carrier product is based on a proprietary TPE technology. The unique film mimics the adhesive forces of biological structures found in nature, which securely hold components in place while allowing for easy removal. The film is ideal for shipping and in-process handling of bare die and leadless packaged components.

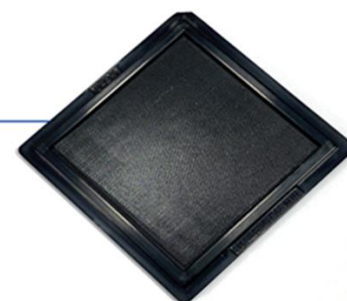
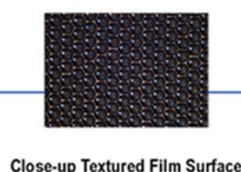
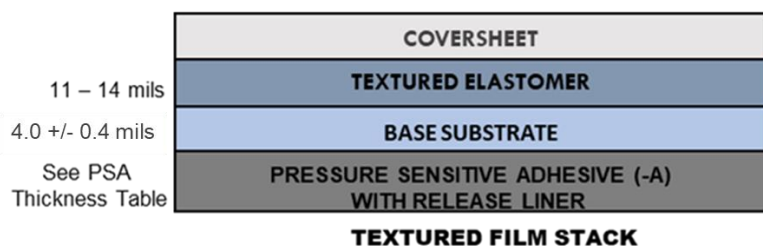
- Available in sheet and roll format
- Can be provided in multiple carrier form factors such as JEDEC standard trays

Material Property	Value
Compatible Device Size	> 800 µm
Texturized Elastomer Color	Translucent*
Surface Tack	Low (L) , Medium (M), High (H)
Surface Resistance	> 10 ¹² (ohms)
Operating Temperature	10 to +35° C
Shipping/Storage Temperature	-10 to +50° C
Shelf Life	2 Years
Unique Features	Silicone Free

* Texturized Elastomer Color is translucent, but the surface appearance will depend upon the pressure sensitive adhesive color. Black pressure sensitive adhesive is standard and white is an option.

These values are for reference purposes only and are not intended for use in preparing specifications.

(2", 4", Flat Matrix) or customer specific substrates.



Textured Film Laminated with black PSA on a 4" Tray (BTXF-44C Tray)

GEL-PAK

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Division of

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Pressure Sensitive Adhesive (PSA) Thickness Table

PSA Type	Nominal Thickness
Black (standard)	8.1 mils
White (optional)	5.0 mils

Notes: White based PSA TXF material allows for printed location grids.

GP-TXF Texture Material Thickness Specification

GP-TXF Material	Nominal Thickness (GP-TXF)	Nominal Working Thickness (GP-TXF + EVA/Substrate)	Nominal Working Thickness with PSA (GP-TXF + EVA/Substrate + Adhesive)
12.5	12.5 mils +/- 1.5	16.5 mils +/- 1.9	24.6 mils +/- 2.3
			21.5 mils +/- 2.3