



## VERTEC® TEXTURIZED FILM (GP-TXF)

### Technical Datasheet

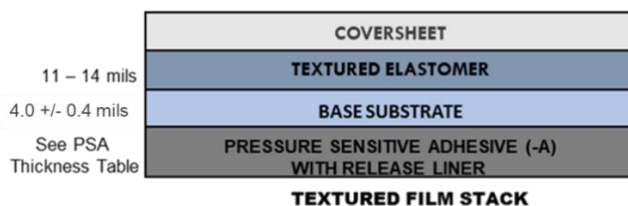
Gel-Pak's bioinspired texturized film carrier product is based on a proprietary TPE technology. The unique film mimics the adhesive forces of biological structures found in nature, which securely hold components in place while allowing for easy removal. The film is ideal for shipping and in-process handling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

- Available in sheet and roll format
- ESD version (static dissipative TPE technology).

Material Property	Value
Compatible Device Size	> 800 µm
Texturized Elastomer Color	Translucent Film on White Background
Surface Tack	ESD Ultra-Low (EUL), ESD Medium (EM), ESD High (EH)
Surface Resistance	For EUL, EM, EH: < 10 <sup>10</sup> (ohms)
Film Max. Operating Temperature	35° C
Shipping/Storage Temperature	-10 to +50° C
Shelf Life	2 Years
Unique Features	Silicone Free

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

### Film Lay-out:



**Pressure Sensitive Adhesive (PSA) Thickness Table**

PSA Type	Nominal Thickness
White (Standard)	5.0 mils
Black (Optional)	8.1 mils

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

### GEL-PAK

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**GP-TXF Texture Material Thickness Specification**

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