



VERTEC® TEXTURIZED FILM (GP-TXF)

Technical Datasheet

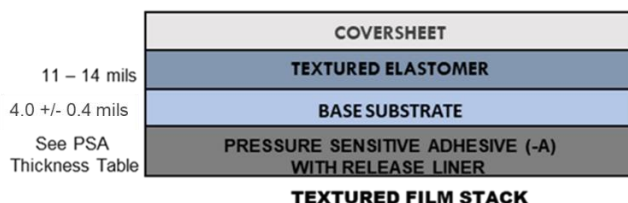
Gel-Pak's bioinspired texturized film carrier product is based on a proprietary TPE technology. The unique film mimics the adhesive forces of biological structures found in nature, which securely hold components in place while allowing for easy removal. The film is ideal for shipping and in-process handling 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	Ultra-Low (EUL), Low (EL), Medium (M), High (H)
Surface Resistance	For EUL, EL: < 10 ¹⁰ (ohms)
	For M, H: > 10 ¹² (ohms)
Shipping/Storage Temperature	-10 to +50° C
Shelf Life	≥ 2 Years
Unique Features	Silicone Free

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
Black (standard)	8.1 mils
White (optional)	5.0 mils

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

GEL-PAK

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Division of

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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