

VERTEC® TEXTURED FILM CARRIERS (GP-BTXF)

Technical Datasheet

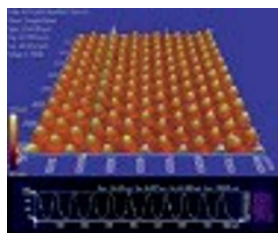
Gel-Pak's bioinspired texturized film carrier product is based on a proprietary TPE technology. The unique film mimics the adhesive forces of biological structures found in nature, which securely hold components in place while allowing for easy removal. The film is ideal for shipping and in-process handling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

- Universal handling solution.
- Available in standard 2", 4", Flat Matrix JEDEC trays, or customer specific substrates
- 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^{10} (ohms)
Film Max. Operating Temperature	35° C
Shipping/Storage Temperature	-10 to +50° C
Shelf Life	2 Years
Unique Features	Silicone Free
Printed Grid	Available Upon Request

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

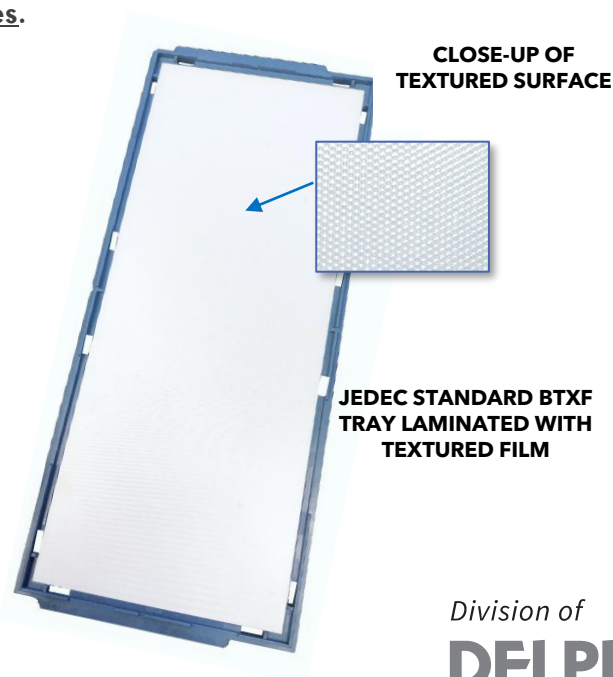
(2", 4", Flat Matrix) or customer specific substrates.



**ZYGO IMAGE OF
TEXTURED SURFACE
CLOSE-UP OF TEXTURED
SURFACE**



**STANDARD 2" & 4" BTXF
TRAY LAMINATED WITH
TEXTURED FILM**



**JEDEC STANDARD BTXF
TRAY LAMINATED WITH
TEXTURED FILM**

GEL-PAK

31398 Huntwood Avenue, Hayward, CA 94544

Toll-Free 888-621-4147 **Phone** 510-576-2220 **Fax** 510-576-2282

Website www.gelpak.com

Division of
DELPHON