

**GP-CLEANTAPE** - Technical Datasheet**FEATURES**

- Ultra-low total VOC's
- Acrylic acid-free
- Low extractable ions
- Low silicone extractable polyester film release liner and plastic cores

**PRODUCT CONSTRUCTION**

Clear Polyester Film Liner 2.0 mils  
Permanent Adhesive (AS-139) 1.5 mils  
Clear Polyester Carrier Film 2.0 mils

**ADHESIVE PERFORMANCE PROPERTIES**

Test Methods

180° Peel Adhesion/12" min. PSTC-101, ASTM D-3330, ART #1005  
5 min @RT/SS – 60 oz./in.  
500 gram Shear @ 70° C PSTC-107, ASTM D-3654, ART #2054

**ADHESIVE OUTGASSING PROPERTIES**

Test Methods

GP-CLEANTAPE-075 / GP-CLEANTAPE-175  
GP -CLEANTAPE-075 / GP -CLEANTAPE-175 2  
Total Organics 0.070 µg/cm<sup>2</sup> Dynamic Headspace GC/MS, ART #4045  
Total Toluene 0.008 µg/cm<sup>2</sup> 85° C, 3 Hours  
Total Ethyl Hexanol 0.014 µg/cm<sup>2</sup>  
Total Aliphatic Esters 0.006 µg/cm<sup>2</sup>  
Outgassing Others 0.042 µg/cm<sup>2</sup>

**STORAGE AND SHELF LIFE**

One year when stored at 70° F, 50% R. H.

LEACHABLE IONS BY IC

Test Method

Fluoride Not detected Samples extracted for one hour in 25 ml of Ultrapure water at 85 C.

Leachates

Chloride 0.0054 µg/cm<sup>2</sup>

Analyzed using Ion Chromatography:

Nitrite Not detected . Bromide Not detected

Nitrate Not detected Phosphate Not detected

Sulfate Not detected Lithium Not detected

Sodium 0.0108 µg/cm<sup>2</sup> Ammonium 0.0030 µg/cm<sup>2</sup>

Potassium Not detected Magnesium Not detected

Calcium <0.0040 µg/cm<sup>2</sup>

Organo Tin < 25 ppb (M&P 3555-008)

**SERVICE TEMPERATURE RANGES**

Recommended Minimum Application Temperature: 50° F (10° C)

Service Temperature Range: -40° F to 300° F (-40° C to 149° C)