

T-FIT® PVDF Tape

Unique Insulation Technology

T-FIT®
INSULATION

Fit to perform. **Fit** to last

T-FIT PVDF Tape Technical Information

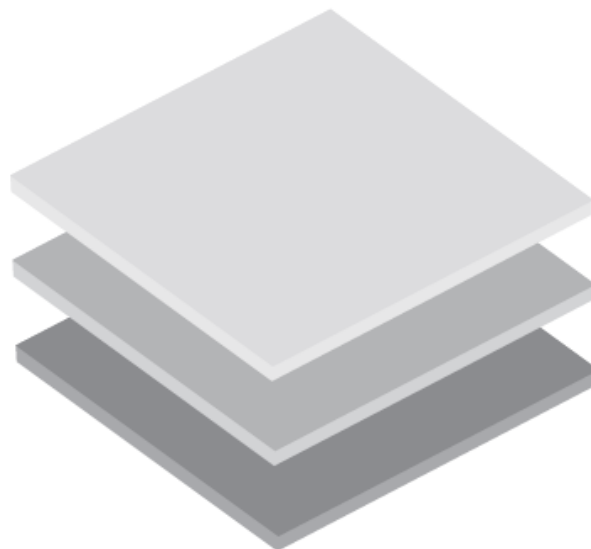
This adhesive tape product is designed specifically for T-FIT® Installations. Comprised of a PVDF polymer film and a high-performance pressure sensitive adhesive. Especially designed for chemical and flammability resistance.

Product Description

Product Code: ZAXX9164

Roll Construction:

- 0.003" PVDF polymer film
- 0.003" white high-performance adhesive
- Polymeric release liner
- Total Tape Thickness 0.011" (including release liner)



PVDF Film

Adhesive

Polymeric Liner

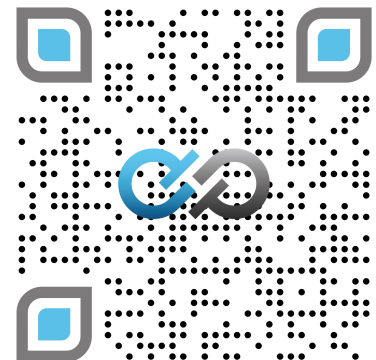
Roll Dimensions: Product supplied as the following:

Current Product supplied as the following:

- 1" (25,4mm) wide x 60 linear yards long (54.8m)
- Supplied on a 3" plastic core
- Release liner facing outward, film inward

Tape Format:

- Standard format of solid back or non-split liner
- Also available as a "split-back" or 50/50 split release line



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Technical Information

Property (Per ASTM D903 Al Foil to Al Plate)	Minimum Average	Maximum Individual
Peel Strength (PIW) at 70°F ± 5°F plus 7 days after 7 days aging at 70°F ± 5°F	10	9
Peel Strength (PIW) 1 day at 70°F ± 5°F plus 6 days at 95 to 100% relative humidity at 120°F ± 5°F	15	14
Peel Strength (PIW) 1 day at 70°F ± 5°F plus 6 days exposure at 160°F ± 5°F	18.5	7.5

Static load creep properties (Per ASTM D903 Al Foil to Al Plate)	Creep Time (hrs)	Minimum Average	Maximum Individual
Creep distance (inches per pound/inch of width) at 70°F ± 5°F plus 7 days after 7 days aging at 70°F ± 5°F	24	1	2
Creep distance (inches per pound/inch of width) 1 day at 70°F ± 5°F plus 6 days at 95 to 100% relative humidity at 120°F ± 5°F	24	1	2
Creep distance (inches per pound/inch of width) at 1 day at 70°F ± 5°F plus 6 days exposure at 160°F ± 5°F	24	0.5	2

Thermal Performance:

- Film & Adhesive is recommended to temperatures up to 212 °F / (100 °C)

Storage Guidelines:

- Shelf life of 18 months from date of manufacture
- Film & Adhesive is recommended to be stored at temperatures between 5 - 32°C / 40 - 90°F

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T-FIT[®] PVDF Tape

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Application Notes:

- Bonding surfaces must be clean and dry
- Once release liner is removed the tape must be applied immediately

Application guidelines:

- Keep the tape in its original packaging until use.
- Being a pressure sensitive tape, for optimum results, an even pressure must be applied to the whole taped area to create the best possible bond between tape and substrates.
- The tape should be applied to clean and dry surfaces
- The best application conditions are obtained between temperatures between 15°C to 40°C (60°F to 105°F)

Regulatory Data:

- PVDF Film meets FDA 177.2510 & 177.2600 Repeated Contact with Food, 177.1520 Single-use Adjuvant for use in Polyolefins 1% Concentration

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