

Technical Data Sheet

Product-Line: ERT-V*, KFT-V*
Material: Vinyl film white glossy
Texit-Material-Code: TMC-1171
Issue: 01-2026

Please note: Texit® highly requests to test all labels and materials to its properties and final applications. All data and drawings are based to the datasheets of the row-material suppliers at the time of this issue. Texit® does not have any liability to the material, if the end user has not released the labels by own tests.

Material data:

Facestock	A white glossy polymeric plasticised vinyl film	
Basis Weight	113 g/m ²	ISO 536
Caliper	80µm	ISO 534
Adhesive	AL170 is a high cohesive, permanent, solvent-based acrylate adhesive	
Liner	The white liner is a supercalendered glassine paper and is made from FSC® certified paper.	
Basis Weight	63 g/m ²	ISO 536
Caliper	56 µm	ISO 534
Transparency	50 %	DIN 53147
Laminate		
Total Caliper	160 µm ± 10 %	ISO 534

Performance Data

Initial Tack	10 N/25mm	FTM 9 Glass
Peel Adhesion 90°	9 N/25mm	FTM2 st.st. 24 hrs.
Min. Application Temp.	0 °C	
Service Temperature	-80 °C to 110 °C	
Adhesive Coat Weight	24 g/m ²	FTM12
Adhesive Type	Solvent Acrylic	

Adhesive Performance

The adhesive is distinguished by very high ageing stability and features excellent resistance against chemicals, heat and UV light. It has a high peel adhesion on high and medium surface energy substrates.

Applications and use

PVC outdoor white is ideal for many medium-life indoor and outdoor applications. A durability of seven years (vertical exposure, middle European exposure conditions) can be expected. The material is self-extinguishing. Due to the high flexibility of the film, the film is used in cable marking applications.

Conversion and Printing

PVC outdoor white features good thermal transfer printability; for good abrasion resistance we recommend the use of resin ribbons. The product can be screen printed, for other print techniques specific testing is required. „PVC outdoor white“ is qualified by EFI Jetrion and Durst for UV inkjet printing, however printing of large solid areas is not recommended. The material shows good die cutting performance.

Compliance and Approvals

This product is UL and D-UL recognized (UL 969, CSA C22.2 No. 0.15). The UL file number is MH27538. This material complies with BS 5609:1986, Section two, Marine Immersion Test. To comply with BS 5609:1986 Section 3, the specific inks or ribbons have to be evaluated; tests can be performed upon request.

Shelf Life

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

Appendix

UL and CSA recognition

This product meets the requirements as stated in UL 969 and CSA C22.2 No. 0.15 for indoor and outdoor use.
The UL file number is MH27538.

Flammability

This material is self-extinguishing to the first measuring mark, according to FMVSS 302.

Test results according to FMVSS 302

Buring data:

	Specimen				
Longitudinal	#1	#2	#3	#4	#5
Single Values Burning Distance (mm)	0	0	0	0	0
Single Values Burning Time (s)	0	0	0	0	0
Single Values Burning Rate (mm/min)	-	-	-	-	-
Mean Value Bunring Rate (mm/min)	0				

	Specimen				
Lateral	#1	#2	#3	#4	#5
Single Values Burning Distance (mm)	0	0	0	0	0
Single Values Burning Time (s)	0	0	0	0	0
Single Values Burning Rate (mm/min)	-	-	-	-	-
Mean Value Bunring Rate (mm/min)	0				

Compliance with BS 5609

This material complies with BS 5609, Section two, Marine Immersion Test.

Performance data

Note: the following technical data should be considered representativ or typical only and should not be used for specification purposes.

Peel adhesion:

FTM1: 180°, 300 mm/min, dwell time: 48 hours

Surface	N/25 mm
ABS	19,5
Aluminum	23,0
Automotive lacquered panels	23,0
Glass	26,0
HDPE	6,0
LDPE	3,8
PA6	20,0
Stainless Steel	22,0