



TECHNICAL DATASHEET ADHESIVE PROTECTIVE FILM TG03

DESCRIPTION · PRODUCT PROFILE

Product used for the temporary protection of industrial surfaces.

Ideal product for smooth surfaces

This product is used, as safety, to ensure the perfect state of a protected surface and, consequently, to prevent non-quality costs. At an applied state, the product must be thermostable and full functional at the temperature range from -40 to 80 °C. After taking the product off the protected surface, there should not be produced any damage or adhesive transfer at the protected surface

PROTECTION DEGREE

This product protection degree directly depends on the film average thickness

AVERAGE TOTAL THICKNESS, OVERALL = $0,050 \pm 0,005$ mm

USE INSTRUCTIONS · STORAGE

The adhesive strength finally performed on the surface depends on the applied pressure, and it must be self-developed during the first 24 hours. Under stable conditions in the temperature range from 15 to 35 °C, the product can be stored and used six months.

PRODUCT UNIT

The product is supplied as a unit of roll, at the specified unit width.

INTERNAL DIAMETER = 76 mm

TOLERANCE, UNIT LENGHT = $\pm 5\%$

TOLERANCE, UNIT WIDHT = ± 1 cm

PRDUCT TYPE PROPERTIES

The product consists of a film or protection material, with one side applied coating of a pressure sensitive adhesive (PSA) or temporary adhesion material.

COMPONENT 1: FILM OR PROTECTION MATERIAL				
Low density Polyethylen (PELD)				
1.1	UNE 53852	DENSITY		$[\text{kg}/\text{m}^3]$ 922 \pm 1
1.2	(NONE)	APPEARANCE		$[\text{ADIM}]$ Blue
1.3	UNE-EN ISO 527-3	TENSILE STRENGTH	LONGITUDINAL	$[\text{N}/\text{mm}^2]$ ≥ 20
1.4			TRANSVERSE	
1.5	UNE-EN ISO 527-3	BREAKING ELONGATION	LONGITUDINAL	$[\%]$ ≥ 220
1.6			TRANSVERSE	
1.7	UNE 53268	DINAMIC FRICTION COEFICIENT		$[\text{ADIM}]$ $< 0,25$
1.8	UNE 53219	RESISTANCE TO IMPACT		$[\text{G}]$ ≥ 75 ($40-60\mu$) ≥ 110 ($\geq 65\mu$)

COMPONENT 2: PSA ADHESIVE				
TG03: Acrylic copolymer water based				
2.1	FTM 1	PEELING FORCE		$[\text{N}/50\text{mm}]$ 2,50 \pm 0,50
2.2	FTM 8	RESISTANCE TO SHEAR		$[\text{H}]$ ≥ 80

ADDITIONAL NOTES

The protective film must be tested before use, to determine whether it meets all the technical requirements applied on the specific surface and its performance under the specific manufacturing process conditions.

The given information is reliable, but doesn't represent a legal guarantee of the product use.