

PRODUCT DATA SHEET

GRAFITYP STONE CHIP PROTECTION FILM

REFERENCE P110M

RELEASE 01.12.2020

GRAFITYP
makes you stick

DESCRIPTION

Grafityp stone chip protection film P110M is a transparent matt polymeric calendered PVC film with a permanent adhesive.

COMPOSITION

FILM

110µm transparent matt polymeric calendered PVC film with an excellent resistance against stone chips, scratches, UV-light, chemical products, humidity and dirt.

ADHESIVE

Permanent pressure-sensitive solvent-based acrylic adhesive.

RELEASE LINER

Siliconised clay-coated paper of 120 g/m².

APPLICATION

Grafityp stone chip protection film P110M has been developed especially for protecting a vehicle against stone chips and scratches. Grafityp stone chip protection films are "Paint Protection Films". They are not suited for long term protection of head lights.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

- Good protection against stone chips and scratches.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

1	Thickness film (1) Thickness film + adhesive + release liner	(1) Average
2	Elongation at break (production length) (2) Elongation at break (cross)	(2) Maximum
3	Dimensional stability (3)	(3) Average
4	Adhesion strength after 20 minutes (4) Adhesion strength after 24 hours	(4) Average
5	Quickstick (5)	(5) Central-European conditions
6	Max. outdoor life span (unprinted) (6)	
7	Temperature range during application Temperature range at use	
8	Flammability If applied on aluminium, glass, steel = self-extinguishing	

TEST METHOD	RESULT
Din53370	110µm 250µm
Din53455	> 130% > 150%
Finat 14	< 0,4mm
Finat 1	14 N/25mm 20 N/25mm
Finat 9	10 N
-	3.5 - 5 years
-	+5°C up to +40°C -20°C up to +90°C

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STORAGE INSTRUCTIONS

All stone chip protection materials always have to be stored in their original packing and with the original protection flanges (preferably vertically).

In order to avoid any loss of quality, the stone chip protection film should be stored in suitable conditions, i.e. at a temperature between 10/20°C and a relative humidity of 50%. Under these conditions stone chip protection materials can be stored for a period of two years.

IMPORTANT

The information mentioned in this product data sheet is based upon tests that were executed by Grafityp, and that we consider to be reliable. The information always represents an average, a minimum or a maximum value, and should be considered as such. It is given only for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suited for his particular application.

The expected outdoor life span refers to outdoor use under Central European conditions and to vertical application. Non-vertical application can reduce the life span up to 50%. The expected life span of our films is based upon professional application on a degreased and suitable background. Tropical conditions, or the use near chemical emission, may have a detrimental effect on the life span.

More information on this in our warranty certificates.

Stone Chip Protection films must only be applied to undamaged, original paintwork. Grafityp cannot be held responsible for any damage during application or removal, if the material is used on non-original or aftermarket paintwork.

Subject to modifications.