

## PRODUCT DATA SHEET

# GRAFITYP STONE CHIP PROTECTION FILM

## REFERENCE SCP15 (150µm)

RELEASE 01.12.2020

**GRAFITYP**  
makes you stick

### DESCRIPTION

Grafityp stone chip protection film SCP15 is a transparent glossy polymeric calendered PVC film with a permanent adhesive.

The film comes with a 22µm PET top layer. This layer is preferably removed before you start rubbing the film with an appropriate squeegee.

### COMPOSITION

#### FILM

150µm transparent glossy 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/m<sup>2</sup>.

### APPLICATION

Grafityp stone chip protection film SCP15 has been developed especially for protecting a vehicle's paintwork against stone chips and scratches.

Only wet application on an even or slightly undulating surface.

## → 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
- 2 Elongation at break (production length) (2)  
Elongation at break (cross)
- 3 Dimensional stability (3)
- 4 Adhesion strength after 20 minutes (4)  
Adhesion strength after 24 hours
- 5 Quickstick (5)
- 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

(1) Average

(2) Maximum

(3) Average

(4) Average

(5) Central-European conditions

#### TEST METHOD

#### RESULT

Din53370	150µm 305µm
Din53455	> 290% > 290%
Finat 14	< 0,4mm
Finat 1	11 N/25mm 16 N/25mm
Finat 9	14 N
-	3 - 5 years
-	+5°C up to +40°C -15°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.

### ADDITIONAL PROTECTIVE LAYER

The stone chip protection films come with an additional protective layer, which should be removed in order to guarantee a perfect transparency.

### 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.