

PRODUCT INFORMATION

REMAFLON G

PRODUCT DESCRIPTION

REMAFLON G is a single side etched thermoplastic sheet based on polytetrafluoroethylene (PTFE) with a film thickness of 0.25 or 0.5 mm. **REMAFLON G** is bonded onto a soft rubber lining by means of special TIP TOP contact adhesives.

ADHESIVE SYSTEM

The lining material **REMAFLON G** is bonded onto the rubber with the adhesive system **PRIMER HG 1** in combination with **CEMENT BC 3004**.

FIELDS OF APPLICATION

Due to its resistance to numerous chemicals and its outstanding slip and anti-adhesion properties, the lining material **REMAFLON G** is used worldwide in the chemical industry, especially in flue gas desulphurisation plants. Though chemically and thermally stressed rubber lined steel parts can be protected against solid caking. **REMAFLON G** is especially used in the suspension transmission zone in absorbers as well as in flue gas fans, where an increased risk of scaling exists.

FEATURES

- Outstanding slip and anti-adhesion properties
- Excellent chemical surface resistance
- Remarkable tightness against diffusion of water vapour and other various substances

CHEMICAL RESISTANCE

Information on the chemical resistance properties is available upon request.

SUBSTRATE

Substrates are soft rubber linings.

SURFACE PRE-TREATMENT

All surfaces must be clean, dry and free from contamination.

APPLICATION

During the application of the product, the application instruction must always be observed.

The lining material **REMAFLON G** is brushed with **PRIMER HG 1** on the etched side and afterwards bonded onto the soft rubber lining using **CEMENT BC 3004**.

APPLICATION METHOD UND CONSUMPTION

Coat	Product	Application Method	Coverage [g/m ²]
1. Coat REMAFLON G (etched brown side)	PRIMER HG 1	Brush	ca. 150
2. Coat REMAFLON G	CEMENT BC 3004	Brush	ca. 200
3. Coat REMAFLON G	CEMENT BC 3004	Brush	ca. 200
1. Coat Soft rubber	CEMENT BC 3004	Brush	ca. 200
2. Coat Soft rubber	CEMENT BC 3004	Brush	ca. 200

CONTACT LIFE (OPEN TIME)

Coat	Minimal	Maximal
1. Coat REMAFLON G (etched brown side)	ca. 2 h	ca. 7 Days
2. Coat REMAFLON G	ca. 2 h	ca. 7 Days
3. Coat REMAFLON G	ca. 1 h	ca. 2 h
1. Coat Soft rubber	ca. 2 h	ca. 7 Days
2. Coat Soft rubber	ca. 1 h	ca. 2 h

Note: The Contact Life depends on the ambient temperature.

CLEANING

Clean all equipment with **SOLVENT CF-CE** immediately after use.

SAFETY MEASURES

The material safety data sheets of the individual components, the safety instructions on the packing (label) as well as the legal requirements for handling hazardous materials must be observed.

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PACKING UNITS

The products are supplied in the following standard package sizes:

Product	Size	Article No.
CEMENT BC 3004	4.5 kg	525 4095
CEMENT BC 3004	9 kg	525 4143
CEMENT BC 3004	18 kg	525 4130
HARDENER E 40	30 g	525 1067
PRIMER HG 1	0.75 kg	525 2949
PRIMER HG 1	4.5 kg	525 3050
PRIMER HG 1	9 kg	525 2956
REMAFLON G	0.25 mm x 1200 mm	---
REMAFLON G	0.5 mm x 1200 mm	---
SOLVENT CF-CE	10 l	595 9163

STORAGE

The products must be stored in a cool and dry place, away from direct sunlight. At the specified storage temperatures a shelf life of the products is given of at least for the following periods:

Product	Temperature	Shelf Life
CEMENT BC 3004	5 - 25°C	24 Months
HARDENER E 40	5 - 25°C	24 Months
PRIMER HG 1	5 - 20°C	12 Months
REMAFLON G	≤ +30°C	12 Months
SOLVENT CF-CE	5 - 25°C	60 Months

If the storage time is exceeded, the materials must be tested before use. Higher storage and transport temperatures will reduce the shelf life. The containers must be kept tightly closed. Liquid products must be stored frost-proof. In addition, the DIN 7716 must be observed.

Information given in the fact sheet above corresponds to the current knowledge available to us regarding our products at the time of its drafting and is intended as a guideline for informational purposes. However, because of the multiple possibilities regarding possible applications, processing and on site conditions, any information given in the fact sheet above is not legally binding, in particular, without being limited to, such information shall not be interpreted as a warranty of merchantability or of fitness for a particular purpose. Customer therefore is advised to conduct its own testing or make an inquiry with our technical department before ordering. We reserve the right to change the product at any time, in particular, without being limited to, minor changes because of advancements in technology. If by way of exception, the information given in the fact sheet above is incorporated by reference into any contract concluded with us under German Law, such information, shall only be interpreted as determining the specific requirements of the contractual products as set out in § 434 BGB (German Civil Code) and shall not be interpreted as constituting a guarantee of condition.

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