

A5000 Release film

Item number: 02604 00024



Technical data

Description **A5000** is a high temperature fluoropolymer, which has been an aerospace industry standard product for many years.

- Exhibits excellent elongation and release properties, and is suitable for use with all prepreg systems including polyester, epoxy, phenolic and BMI.
- Effective at overcoming bridging on the most difficult of contoured shapes.
- Imparts a gloss finish to moulding surfaces.
- Available with an etched surface on one side to aid bonding to rubber products for use as a localized pressure pad/intensifier.
- Available P3 perforated and non-perforated.

Maximum use temperature: **260°C**

| | | | |
|---------------------------|--|---------------|------------------------|
| Product | Thickness: 25 µm | Width: 1,52 m | Roll length: 152 lin m |
| Properties | Characteristics | | Test Method |
| Density | 2,12 – 2,17 g/m ³ | | ASTM D1505 |
| Production width | Up to 2 m | -0/+2 % | internal |
| Thickness | 25 µm & 50 µm | ±10 % | ISO 4593 |
| Tensile Strength at break | MD*: 24 N/mm ² TD*: 24 N/mm ² | ±10 % | ASTM D882 |
| Elongation at break | MD*: 300 % TD*: 300 % | ±10 % | ASTM D882 |
| Colour | Red | | |

Note: The above values are to be understood as reference only.
 For any additional advice on the film's suitability in specific applications contact COMPOSYST GmbH technical department.

Storage: To be stored in original packaging only.

*) MD: Machine direction
 TD: Transverse direction

The values presented in this data sheet are typical values and are not to be interpreted as product specifications. The purchaser is not released from the obligation to inspect the incoming goods. Test findings do not indicate the suitability of the product for a concrete application.