

Kraibon rubber 616B65 Fabricate flexible edges in combination with Ottobock prepreg.

Kraibon is a thin film made of non-cross-linked rubber that hardens jointly with the resin in the existing prepreg fabrication process. A composition of hard and soft material can be created, combining the favourable mechanical properties of fibre composites with the good elasticity of rubber. The usual fabrication process for a fibre composite component remains unchanged. No additional bonding agents are needed.

This innovative technology can now be used in orthopaedics, e.g., for the fabrication of soft edges in orthoses. The material can be draped, which means it can easily be moulded to the component. It can be placed and draped like prepreg. Various materials thicknesses can be fabricated by applying multiple layers.

Benefits at a glance:

- Processing in combination with Ottobock prepreps – no adhesive or mechanical joint required for a flexible edge
- Smooth transition between hard and soft material
- Excellent draping characteristics for easy moulding to the component
- Various material thicknesses can be obtained with multiple layers
- Cut pieces of Kraibon rubber can be stored in the supplied grip bag in a conventional freezer
- Can be combined with Ottobock reinforcement materials and Ottobock prepreps



Article number	616B65=2
Packaging format	28 blanks, 250 mm x 300 mm
Thickness of each blank	0.5 mm
Package	2 m ²
Weight per unit area	520 g/m ²

Processing instructions:

- Cures only at temperature and in a vacuum
- Do not laminate thin/sharp prepreg edges
- Not for processing with peel ply

Shipping information:

Shipping days: Monday, Tuesday, Wednesday

Storage information:

- When stored at a temperature of -18 °C, the Kraibon rubber can be processed for approximately 6 months; at room temperature, a maximum of 21 days.
- Freeze in moisture-proof sealed packaging; in order to avoid condensation, thaw to room temperature in moisture-proof sealed packaging.
- Each thawing and freezing cycle reduces the storage stability and degrades the quality significantly



Further information available at:
www.pem.ottobock.com

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Technical information Kraibon 616B65