

Saint-Gobain / h-old® X180



Saint-Gobain / h-old® X180 is Nomex® paper coated on one side with a rubber thermosetting adhesive system. Designed for high temperature electrical applications where a strong and puncture resistant backing is required. Available on white release paper liner on demand.

Nominal Values

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| Backing | Nomex® |
| Backing Thickness | 0,180 mm |
| Adhesive Type | Natural Rubber, thermosetting |
| Total Thickness | 0,240 mm |
| Insulation Class | F 155°C (DIN EN 60085, OANZ2 & OANZ8) |
| Color | White (08) |
| Adhesion to Steel | 10,00 N/25 mm |
| Tensile Strength | 500,00 N/25 mm |
| Elongation at Break | 5% |
| Dielectric Strength | 6700 V |
| Electrolytic Corrosion | 1 |
| Rolling Ball Tack | < 10 cm |
| Temperature Resistance | +180°C, (short-term) |
| Length | 50 m, other lengths upon request |
| Width | 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 914 mm, other widths upon request |
| Storage Life | The material can be stored at room temperature for at least 12 months. |
| Effective | 29 March 2021 |

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Applications

- Phase insulation of electrical motors, generators, etc.
- Outer wrapping, tabbing and anchoring leads of electrical transformers, coils, etc

Benefits

- Good thermal and puncture resistance
- High initial adhesion
- Good chemical resistance when thermoset

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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