



SGP5

PROTECT WHAT MATTERS

Previously known as **CHR* SGP5.*

FEATURES/BENEFITS

Norgard SGP5 is specially intended to be without fluoropolymers and PFAS* materials to electrically insulate the heat seal surface and create a nonstick surface for sealing plastic bags. **Norgard** SGP5 is a very durable and versatile product performing in continuous temperatures up to 260°C (500°F).

Norgard SGP5 is dimensionally stable and resistant to tears, punctures, abrasion and wear. It will not “cold flow” under heavy loads. The thin construction allows uniform heat transfer for consistent sealing.

AVAILABILITY

Norgard SGP5 is available in widths from 10 to 1000 mm (0.39 to 39.37 in). Standard roll length is 33 m long (36 yd). **Norgard** SGP5 is supplied with yellow embossed PVC, easy removal liner.

Our PFAS-free designation means we do not intentionally add PFAS to our formulations during the manufacturing of the product. However, due to certain factors, trace amounts may be present as unintended impurities in the raw materials that we receive from our suppliers. The asterisk (*) reflects our commitment to transparency and scientific integrity, rather than making absolute claims that cannot be guaranteed or verified.*

**Pictures are shown for illustration purposes only.*

PFAS-FREE* HEAT SEAL TAPE

Saint-Gobain® Norgard® SGP5 is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and is a high-temperature release film with silicone adhesive intended to replace PTFE glass tapes used in heat sealers. It is intended for customers who want to replace PFAS-based heat-sealing tapes with a non-fluoropolymer solution.

APPLICATIONS

Saint-Gobain SGP5 is frequently used by the packaging industry as a release surface on heat sealers, blister formation and form-fill-seal equipment.

- **Impulse Sealing:** **Norgard** SGP5 is used to achieve a strong, consistent, and reliable seal.
- **Hot Bar Sealing:** **Norgard** SGP5 has long life and has been shown to survive over a thousand seal cycles.
- **Hot Plate Sealing:** The consistent thickness of **Norgard** SGP5 allows for precise temperature control & uniform pressure distribution.
- **PVC Window Welding:** The consistent release of **Norgard** SGP5 enables strong, durable, and aesthetically pleasing welds in window frames.
- **L-Bar Sealing:** **Norgard** SGP5 has been shown to create strong, consistent, and clean seals on shrink film, ensuring product freshness, safety, and presentation.

OTHER APPLICATIONS

- Food packaging
- Medical packaging
- Industrial packaging
- Plastic bag manufacturing
- Blow molding
- PVC window welding



NORGARD SGP5 PROPERTIES

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

PRODUCT NUMBER	SGP5
Total Thickness (ASTM D1000)	0.09 mm (0.0037 in)
Adhesive Thickness (ASTM D1000)	0.04 mm (0.0017 in)
Tensile Strength @ Break (ASTM D638)	65 lbs/in (75 N/cm)
Surface Texture	Smooth, glossy
Adhesion to Steel (ASTM D1000)	3.3 N/cm (30 oz/in)
Elongation (ASTM D638)	85%
Temperature (Continuous)	260°C (500 °F)
Temperature (Short Term)	315°C (600 °F)
Color	Amber



1-888-CURBELL

www.curbellplastics.com

Curbell Plastics is a proud supplier of Saint-Gobain tape solutions.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

**TAPE SOLUTIONS**

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Europe | Asia
For more information, please visit
tapesolutions.saint-gobain.com

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