



COHRLastic® CHR 4050

FIBERGLASS REINFORCED SOLID

Product Description

Saint-Gobain Performance Plastics **COHRLastic® CHR 4050** is a thin, flexible, abrasion resistant reinforced general purpose silicone rubber. This product is often used in expansion joints due to its ability to expand and contract with changes in temperature. Asbestos-free CHR 4050 functions well in gasketing applications through a wide temperature range.

Physical Properties

Property	CHR 4050	Test Method
Thickness (mm)	1.27	ASTM D751
Fiberglass Thickness (mm)	0.35	ASTM D751
Tensile Strength, Warp (N/mm)	52.54	ASTM D751
Elongation (%)	< 10	ASTM D751
Diaphragm Burst Strength* (kPa)	5171	ASTM D751
Weight (g/m ²)	1933	ASTM D751
Compression Modulus (5%, kPa)	665	ASTM D575
Durometer with Fabric (Shore A)	75	ASTM D2240
Durometer with Rubber Compound (Shore A)	50	ASTM D2240
Weight Loss, 4 Hours @ 205°C (%)	1.5	ASTM D573
Operating Temperature (°C)	-73 to +260	—
Colour	Grey	—

Values shown are typical and should not be used for writing specifications.

Please contact our Customer Service Department for more details regarding our products.

* Diaphragm Burst Strength is offered as a reference test only.

Availability

Factory stock is available as 36" wide yard goods.

The data and details in this leaflet were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. It is the user's responsibility to make sure he is in possession of the latest version of the product data sheet. This leaflet is not a specification and does not assure specific product characteristics or make reference to the suitability of the products for a definite application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of this product under individual application conditions. The application, the use and the conversion of this product are under the user's responsibility.

Application Advantages

- Unlimited life at room temperature
- Excellent weatherability
- Odorless
- The burning of this product produces a nonconductive ash
- Dimensionally stable

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