

iglidur® HSD350, bar stock plate strips

SFPHSD350-50-160



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- Sterilisable
- For continuous use up to +180°C
- High media resistance
- Corrosion-free
- For wet environments
- Choose the standard length of 1,000mm or have a length cut to size from 100mm

Product description

Discover the iglidur® HSD350 plate strips, designed for lubrication-free, maintenance-free sliding elements and bearings. Ideal for applications in filling technology and medical environments, these strips offer high media resistance and can withstand temperatures up to 180°C. They are sterilizable, corrosion-free, and perfect for wet conditions. Available in a standard length of 1,000mm or customizable from 100mm, the iglidur® HSD350 ensures optimal performance tailored to your needs.

Properties and approvals

Certificates and standards (icons)	undefined undefined
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Electricity attributes

Specific transitional resistance	> 10 ¹³ (DIN IEC93)
Surface resistance	> 10 ¹⁴ (DIN 53482)

Requirements

FDA compliant	No
EU 10/2011 compliant	No
Mould-resistant according to DIN EN ISO 846 Procedure A	No
RoHS 2 compliant according to EU guideline 2011/65/EU	No

Manufacturing and installation tolerances

Tolerance thickness	+ 0.5mm
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Dimensions

Width	160 mm
Thickness	50 mm

Thermal properties

Max. short-term application temperature	210 °C
Lower application temperature	-40 °C
Thermal expansion coefficient (at 23°C/73°F)	$7 \text{ K}^{-1} \cdot 10^{-5}$
Heat conductivity	0.24 W/(m K)
Max. long-term application temperature	180 °C

Mechanical properties

Modulus of elasticity	2150 MPa
Flexural strength (at 20°C/68°F)	67 MPa
Shore D hardness	77.0000
Compressive strength	30 MPa
Max. recommended surface pressure	30 MPa

General properties

Material	iglidur® HSD350
Colour	White
Max. moisture absorption	0.6 Wt.-%
Max. total moisture absorption	1.2 Wt.-%
Coefficient of friction, dynamic, against steel	0.07 - 0.23

Certificates and standards

