

iglidur® tribo-tape liner, W160, mm

W160-T-005-0020



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- Low coefficient of friction
- Easily cut to size.
- Optionally available with adhesive tape strips

Product description

Introducing the iglidur® tribo-tape W160 liner by igus®. This versatile tape is perfect for lining surfaces that experience friction, optimizing movement in machine beds and more. With a slim thickness of just 0.5 – 1 mm, it fits easily into tight spaces. The tape can be cut to size with scissors and features optional self-adhesive backing for simple installation. Its white color and UV stabilizing additives offer design flexibility, making it both functional and visually appealing.

Properties and approvals

RoHS 2 compliant according to EU guideline 2011/65/EU	Yes
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Requirements

FDA compliant	No
EU 10/2011 compliant	No
High temperatures	No

Dimensions

Thickness	0.5 mm
Tolerance thickness	± 0.1mm
Width	20 mm
Tolerance width	± 1.0mm

Thermal properties

Max. long-term application temperature	90 °C
Max. short-term application temperature	100 °C
Lower application temperature	-50 °C



General chemical resistance

Alcohol	+ resistant
Hydrocarbons	+ resistant
Greases, oils without additives	+ resistant
Fuels	0 conditionally resistant
Strong acids	+ resistant
Diluted acids	+ resistant
Diluted alkalis	+ resistant
Strong alkalis	+ resistant

Mechanical properties

Modulus of elasticity	799 MPa
Flexural strength (at 20°C/68°F)	14 MPa
Shore D hardness	58.0000

General properties

Design	without adhesive tape
Colour	White
Max. moisture absorption	0.1 Wt.- %
Max. total moisture absorption	0.1 Wt.- %
Coefficient of friction, dynamic, against steel	0,12 - 0,20 μ
Radioactive radiation max.	1 10-5 Gy