

OTTOCORD

PUR-HS-B3

Technical Datasheet

- Characteristics:
- Backfilling material made of polyurethane
 - **For interior use without wet load**
 - **Firm and rigid quality**
 - According to the building material class B3

- Fields of application:
- Backfilling of joints in interior areas

Important information: For wet load, we recommend the closed-cell PE back-up foam rod OTTOCORD PE-B2.

Technical properties:	Density in raw state according to ISO EN 845 [kg/m³]	~ 18 - 22
	Compressive strength at 40 % according to DIN 53 577 [kPa]	~ 16 - 26
	Tensile strength according to DIN EN ISO 1798 [kPa]	> 110
	Breaking expansion according to DIN EN ISO 1798 [%]	> 50
	Compression set according to ISO EN 1856 [%]	< 5
	Tear strength according to ISO EN 8067 [N/mm]	> 0,4
	Temperature resistance from/to [°C]	- 30 / + 80
	Colour	yellow

These data are not suitable for the issue of specifications. Please contact OTTO-CHEMIE before issuing specifications.

Application information: The optimum ratio of joint width to joint depth is an important requirement for as long a life as possible of an elastic joint. Building component joints are frequently too deep for a professional joint dimensioning. For this reason, a limit of the joint depth must be performed using the OTTOCORD PUR-HS-B3 back-up foam rod, simultaneously preventing a three-edge bond in order to restrict the flexibility of the sealant in the joint. OTTOCORD PUR-HS-B3 has an open-pore cell structure, making it unsuitable for damp rooms and outdoors. For this reason, we recommend the closed-pore OTTOCORD PE-B2 back-up foam rod. In comparison to OTTOCORD PUR-H-B3, OTTOCORD PUR-HS-B3 is somewhat more pressure-resistant resp. tighter. The foam rod should be applied to the pre-defined joint by applying a gentle clamping effect. The diameter of the back-up foam rod should be around 20% greater than the width of the joint so that it can be applied to the joint applying pressure and so that it then retains an oval shape in the joint. Further information is available from the OTTO Professional guide "Joints perfectly formed".

Packaging:

Diameter	Order unit (OU)	Packaging unit (PU)	Order code
10 mm	100 x 1 m pc.	1500 x 1 m pc.	PUR-HS-10
15 mm	100 x 1 m pc.	1000 x 1 m pc.	PUR-HS-15
20 mm	100 x 1 m pc.	500 x 1 m pc.	PUR-HS-20
25 mm	100 x 1 m pc.	300 x 1 m pc.	PUR-HS-25
30 mm	100 x 1 m pc.	200 x 1 m pc.	PUR-HS-30
35 mm	180 x 1 m pc.	180 x 1 m pc.	on request
40 mm	100 x 1 m pc.	100 x 1 m pc.	PUR-HS-40

50 mm	100 x 1 m pc.	100 x 1 m pc.	on request
60 mm	50 x 1 m pc.	50 x 1 m pc.	on request

On request: Delivery time of 2-3 weeks

Disposal:

Product residues can be disposed of along with industrial waste as mixed plastics. Packaging materials (cardboard boxes, foils) are recyclable and hence should be recycled.

Warranty information:

All information in this publication is based on our current technical knowledge and experience. However, since conditions and methods of use and application of our products are beyond our control, we suggest that you test the product before final use. Information given in this technical data sheet and explanations of OTTO-CHEMIE in connection with this technical data sheet (e.g. service description, reference to DIN regulations etc.) is not to be seen as a warranty. Warranties require a separate written declaration of OTTO-CHEMIE to prove their validity. The characteristics stated in this data sheet define the characteristics of the article broadly and conclusively. Suggestions of use are not to be taken as confirmation of the appropriateness for the recommended intended use. We reserve the right to alter the product, adjusting it according to technical progress and new developments. We are at your disposal both for inquiries as well as specific application problems. If a governmental approval or clearance is necessary for the application of our products, the user is responsible for the obtainment of such. Our recommendations do not excuse the user from the obligation to take into consideration the possibility of infringement of third parties' rights and - if necessary - resolving it. For the rest our general terms and conditions apply, in particular regarding a possible liability for defects. You can find our general terms and conditions on our homepage: <http://www.otto-chemie.de/en/terms-and-conditions>