

PRODUCT DATA SHEET

Sika® Hydrotite DSHT Profiles

Hydrophilic rubber sealing

DESCRIPTION

Sika® Hydrotite DSHT Profiles is hydrophilic rubber sealing used extensively throughout the construction industry to seal joints between precast segmental of tunnel.

USES

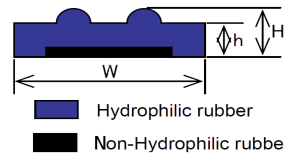
Seal joints between precast segmental of tunnel.

CHARACTERISTICS / ADVANTAGES

Prevent water leakage between tunnel segment.

PRODUCT INFORMATION

Composition	Hydrophilic portion : Chloroprene rubber, Hydrophilic resin Non-Hydrophilic portion : Chloroprene rubber
Packaging	5 x 15 m rolls/ box
Shelf life	48 months from date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry and cool conditions, dark place do not exposed to sunlight.
Dimensions	



Product	Height (H)	height (h)	Width (W)
Hydrotite DSHT-0720-50-I	7 mm	5 mm	20 mm

TECHNICAL INFORMATION

Tensile strength	Spec.	Result	Test method
Hydrophilic Rubber	Min. 3.9 MPa	5.01 MPa	JIS K 6251
Non Hydrophilic Rubber	Min. 8.8 MPa	13.2 MPa	JIS K 6251

Elongation

	<u>Spec.</u>	<u>Result</u>	<u>Test method</u>
Hydrophilic Rubber	Min. 600%	677%	JIS K 6251
Non Hydrophilic Rubber	Min. 400%	460%	JIS K 6251

Change of volume

<u>Specimen</u>	Pressed rubber sheet made of the same compound of hydrophilic portion		
<u>Test water</u>	Distilled water		
<u>Temperature</u>	23°C		
<u>Immersion terms</u>	14 days		
<u>Expansion rate</u>			
<u>Spec.</u>	<u>Result</u>	<u>Test method</u>	
Min. 200%	400%	in house test	

*Expansion rate can vary in salt or contaminated water

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER INFORMATION

Hardness: Hydrophilic Rubber

<u>Spec.</u>	<u>Result</u>	<u>Test method</u>
A45±5	A46	JIS K 6253

Hardness: Non Hydrophilic Rubber

<u>Title 1</u>	<u>Title 2</u>	<u>Title 2</u>
50±5	50	JIS K 6253

IMPORTANT CONSIDERATIONS

The result shown above are just the measured values and not the specific figures. For further information, SDS (Safety Data Sheet) is available upon request. Should you have any queries on use, please consult sales rep in the region.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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