flexlink 1100 r+

Acrylate foam adhesive tape system

Article no.: **3790**
Version 02/ 05.07.2012 (supersedes Version 01/ 19.10.2011)

PRODUCT DESCRIPTION

flexlink 1100 r+ is a high performance adhesive tape system with a syntactic, specially modified acrylate foam.

This tape is specially designed for applications on smooth or textured, flat or uneven surfaces.

Because of the thickness of the adhesive, the product offers excellent gap filling properties. It is good to bond a wide variety of materials such as plastics, metals, glass, ceramics.

The flexlink 1100 r+ provides good levels of tack, for sub assembly and production processes, with a bond strength that increases over time.

TAPE CONSTRUCTION



Liner	Polyesterfilm, transparent, both sides siliconised, thickness: 75 µm
Adhesive	Specially modified acrylate, white, thickness: 1100 µm

TECHNICAL DATA

Tape Thickness	approx. 1,1 mm excl. liner			
Adhesion [N/25mm] In accordance to AFERA 5001	Substrate	Value	Substrate	Value
	steel	34	PMMA	29
	aluminium	30	PVC	28
	glass	28	PP	22
			PE	13
Cohesion [N/625mm²] In accordance to AFERA 5012	Temp.	Value	Temp.	Value
	20°C	45	70°C	10
Temperature Resistance	- 40°C to +120°C, short term even up to +160°C			

STORAGE & PRODUCT USE

Storage. This product should be stored at ambient temperatures of around 20°C, avoiding wide temperature fluctuations and direct sunlight. The storage environment should have a relative humidity of approx. 50%. In ideal storage conditions, the shelf life of this material will be approx. 12 months from the delivery date. Within this 12 month period, when stored correctly, there should be no deterioration of the products published performance specification.

Product use. All statements, technical info contained herein are based on lab testing, we believe to be reliable. In reality, many factors beyond our control can affect and influence the use and performance of our products in any particular application. Since these factors are uniquely within the users knowledge and control, it is essential that the user evaluate the product to determine its suitability for purpose. Biolink will not be liable for any loss or damage arising, whether direct or indirect, special, incidental or consequential.

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