

flexlink 640 r+

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flexlink 640 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 640 r+ provides good levels of tack, for sub assembly and production processes, with a bond strength that increases over time.

Tape Construction



HDPE- film, blue,
 both sides siliconised
 thickness: 125 µm

Specially modified acrylate
 foam, white
 thickness: 640 µm

Tape Thickness

approx. 0,64 mm excl. liner

Adhesion [N/25mm]

In accordance to AFERA 5001

| | | | |
|------------------|-----------|-------------|-----------|
| steel | 31 | PMMA | 28 |
| aluminium | 27 | PVC | 26 |
| glass | 27 | PP | 16 |

Cohesion [N/625mm²]

In accordance to AFERA 5012

| | | | |
|--------------|-----------|--------------|-----------|
| 20° C | 45 | 70° C | 10 |
|--------------|-----------|--------------|-----------|

Temperature Resistance

- 40°C to +120°C, short term even up to + 160°C

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 on 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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