

FlexLINK 1100 R+ is a high-quality adhesive tape system with a core of a syntactic, white acrylate foam.

It is perfectly suitable for gluing difficult surfaces like varnish or plastics onto rough and uneven surfaces. This specially modified adhesive provides a good immediate tack and handling safety at low temperatures and on delicate surfaces. Tensions arising within the glue link are balanced by the rheologic characteristics of the syntactic foam. The bonding stability increases with proceeding age of the link. In addition to its linking task, the gluing provides good cushion and insulation properties.

P					
S					
T					
C					
W					
	1	2	3	4	5

P / PEEL RESISTENCE

The tack of the adhesive enables a very good surface adhesion combined with a very high resistance upon shear stress.

S / SHEAR STRENGTH

Owing to its excellent tack, the special modification of the adhesive guarantees a maximum tack also to low-energy surfaces which allow for a speedy processing.

T / TEMPERATURE STABILITY

A maximum interlace density and inner stability enable a very high temperature stress of: - 40 °C up to > 120 °C, short-term even +160 °C.

C / CHEMICALS RESISTENCE

The high-quality acrylate adhesive is resistant against lyes, acids and ambient solvents.

W / WEATHER RESISTENCE

The non-ageing acrylate foam guarantees an extraordinarily strong resistance against any weather impacts like, e.g. humidity or UV radiation.

TAPECONSTRUCTION

01

02

Thickness
of adhesive layer
without liner
approx. 1,1mm



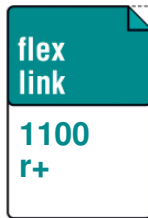
01 / LINER

HDPE film, 125 µm, blue,
double-face siliconized

02 / ADHESIVE LAYER

High-quality adhesive,
specially modified on acrylate basis
Film thickness: 1.1mm

The service temperature ranges from
- 40 °C to 120 °C, short term even up to + 160 °C



ADHESION

in accordance to AFERA 4001

steel	34	-----	-----	-----	-----	-----
aluminium	30	-----	-----	-----	-----	-----
glass	28	-----	-----	-----	-----	-----
PMMA	29	-----	-----	-----	-----	-----
PVC	28	-----	-----	-----	-----	-----
PP	22	-----	-----	-----	-----	-----
PE	13	-----	-----	-----	-----	-----
N / 25mm	10	15	20	25	30	35

COHESION

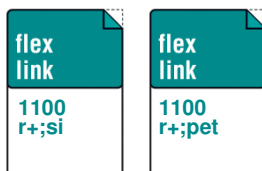
in accordance to AFERA 4012

20° C	45	-----	-----	-----	-----	-----
70° C	10	-----	-----	-----	-----	-----
N / 625mm²	0	10	20	30	40	50

MAIN APPLICATION

Mounting of construction elements onto rough surfaces
z.B. plaster
Mounting of small devices and hooks
Mounting of cable duct tunnels

ALTERNATIVE ADHESIVE TAPES



flexlink 1100r+;si
Variation on double-face siliconized silicone paper,
white

flexlink 1100r+;pet
Variation on double-face siliconized PE film,
transparent

STANDARD SIZES

Width	6	9	12	19	25	50	560	mm
Length	50	25	25	25	25	25	25	mtr.

max. width : 560 mm other dimensions, spools, die-cutting parts or sheets please asked

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.

All data above mentioned and technical information given above are typical values, gained from tests we believe to be reliable. Please ensure before using our product that it is suitable for the material for intend application. For technical assistance please call our product specialists. The data and statements are intended as asource of information, are given without gurantee and do not constitute a warranty. They can vary according to the application conditions. All materials described herein are subject to our conditions of sale, a copy is available on request.