

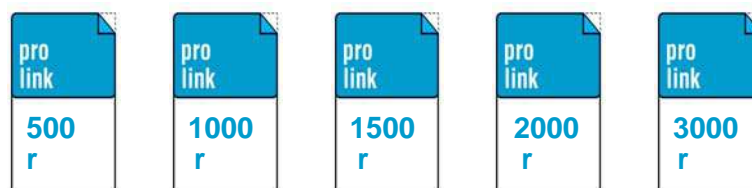


## Description

The ProLINK R Product Range comprises of pure acrylic high performance adhesive tapes, which are providing an excellent resistant against Aging, UV, environmental conditions, high temperature and solvents. We would like to point out the very high transparencies of these product family. With increasing tape thickness ProLINK has the ability, through his visco-elastic performance, to relieve stresses in the bonding area.

## Applications

In all Industrial areas HPSFA-Tapes from Biolink are used with big success. Typical application fields are, double glazing, bonding of rain sensors in the automotive industries or bonding of displays, nameblades and billboards especially made for outdoor use.



## Tape construction

Tape thickness	500 µm	1000 µm	1500 µm	2000 µm	3000 µm
Liner	film	film	film	film	film
Thickness	125 µm	125 µm	125 µm	125 µm	125 µm
Colour	blue	blue	blue	blue	blue
Adhesive	acrylat	acrylat	acrylat	acrylat	acrylat
Colour	high transp.	high transp.	high transp.	high transp.	high transp.
Thickness	960 kg/m <sup>3</sup>	960 kg/m <sup>3</sup>	960 kg/m <sup>3</sup>	960 kg/m <sup>3</sup>	960 kg/m <sup>3</sup>

## Properties

Peel strength <sup>1</sup> (N/100mm) RT	200	280	280	280	280
Tensile strength <sup>2</sup> (N/cm <sup>2</sup> )RT	69	69	69	69	69
Shear strength <sup>3</sup> (g/3,23cm <sup>2</sup> ) 20°C	1000	1000	1000	1000	1000
Shear strength <sup>3</sup> (g/3,23cm <sup>2</sup> ) 90°C	500	500	500	500	500

Due to the visko-elastic performance of the adhesives at high temperature, you have to do a suitability test.

## Temperature resistance

Constant C°	-40 > 120	-40 > 120	-40 > 120	-40 > 120	-40 > 120
Short term C°	+150	+150	+150	+150	+150

## Sizes

Roll length	25 / 33 lm	25 / 33 lm	16,5 / 25 lm	16,5 / 25 lm	12,5 lm
Roll width ( min. / max. )	6 / 580 mm	6 / 580 mm	6 / 580 mm	6 / 580 mm	6 / 550 mm
Slitting tolerance	+/- 0,4mm	+/- 0,4mm	+/- 0,4mm	+/- 0,4mm	+/- 0,4mm
Core diameter	76,2 mm	76,2 mm	76,2 mm	76,2 mm	76,2 mm
Core	plastic	plastic	plastic	plastic	plastic
Time of delivery	2 weeks	2 weeks	2 weeks	per request	per request
Die cuts	per request	per request	per request	per request	per request

## Test method

- 1) Peel strength in accordance to ASTM D-3330;nach 72h; 300mm/min.;90°;RT;Stahl
  - 2) Tensile strength in accordance to ASTM D-897;nach 72h; 50mm/min.;6,45cm<sup>2</sup>;RT;Aluminium
  - 3) Statical shear strength in accordance to ASTM D-3654;nach 72h; >10000 min.;3,23cm<sup>2</sup>;RT;Stahl
- Subject to alteration. Date 08.04.2005

The information of the qualification are our present experience. Please ask our Technical Service for further support on special applications. In either case you have to do the trials at your own substrates and your conditions. The datas given in the data sheet are average values. The values are not oblige and without guarantee for technical specifications.