

TPad-R (reusable press pad)

Product description

TPad-R is a multi usable press pad, which is made of silicon rubber reinforced with one layer of glass fabric. This glass fabric helps to provide an excellent dimensional stability of the product. The special formulation of the silicon rubber ensures a good and homogenous thermal distribution.

Because of the excellent compressibility TPad-R can balance even higher thickness variation in the press book.



Application

This press pad is specially designed for pressing multilayers, but also for manufacturing rigid flex products. Usually it is used between heating plate and press plate. However in combination with PTFE release film (see our data sheet for TTF- products) it can be also used directly to flex and rigid flex build ups.

Process parameter (hydraulic press)

Temperature: up to 230 °C

Pressure range: about 100 - 500 N/cm² (10 – 50 bar)

Reusability (number of press cycles) depends on pressing conditions for pressure, temperature and time.

Material properties

Thickness	1,6 mm
Glass fabric	1x1582
Glass fabric thickness	0,34 mm
Color	red
Compressibility	up to 25 %
Weight loss	< 0,5 % (4h at 204 °C)
Maximum process temperature	230 °C

Storage & handling

Temperature: 15 – 25 °C

Humidity: 45 – 60 %

Storage: flat, in original package until usage.

Availability

Thickness:	1,6 mm
Rolls:	Maximum width: 1200 mm
	Length: approx. 20 m
Sheets:	size and punching according customer specification

The typical values are based on data from production and from sample measurements in the lab. This data should be considered as general information. It is the responsibility of the user to ensure that the product complies with his requirements.

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