Technical Information
Pads

PE foam pads, self-adhesive on one side, with removable cover film. Pads adhere to almost all surfaces and can be easily removed again even after weeks of adhesion. Whether the items involved are made of metal, glass or plastic, wood or ceramics, Pads can be used anywhere at any time where packaging, transport and storage protection are needed.
Pads can be supplied in our proven foam qualities of Hydro, a white, crosslinked, extruded polyethylene foam, and Microlen PE 30, PE 15, and PE 10.

Technical Data:

Basic material		**Microlen PE 15**	**Microlen PE 30**	**Hydro**
Density		approx. 60 kg / m³	approx. 32 kg / m³	approx. 30 kg / m³
Elongation at break		approx. 144 %	approx. 110 %	
Tensile strength		approx. 435 kPa	approx. 170 kPa	
Compressive strength	10 % deformation	approx. 110 kPa	approx. 50 kPa	approx. 18 kPa
	25 % deformation	approx. 130 kPa	approx. 55 kPa	approx. 35 kPa
	50 % deformation	approx. 210 kPa	approx. 100 kPa	approx. 90 kPa
Compression set	after 30 min.	8 %	11 %	12 %
	after 24 h	3 %	4 %	8 %
Water absorption after 28 days		max. 1 vol. %	max. 1 vol. %	0.0195 kg / m³
Shore hardness 00		65	47	
Flammability		≤ 100 mm / min	≤ 100 mm / min	
Adhesive			soft acrylate adhesive	
Adhesive carrier			polyester film	
Covering			easy-removal silicon paper	
Thermal resistance			- 30 °C to + 50 °C	
Ageing resistance			good, avoid longer periods of direct UV light contact on the adhesive layer	

Additional dimensions on request. The minimum quantity is a packaging unit.
Please note: Our Pads are not suitable for nitro cellulose lacquered surfaces.

Storage:
If storing under optimum conditions, i.e. covered and in original packaging and at a temperature of 15 to 25 °C and relative humidity of 40 to 60 %, it can be stored for 12 months.
For enable a proper task of our Pads, the above mentioned temperature limits have to be observed strictly during storage, transportation, and application.

Attention! Important Note:
Above information are based on best present knowledge of current technology, but do not guarantee faultless processing of our products. The information is based on practical results of our tests, but is not binding and does not constitute warranties of characteristics in terms of Federal Supreme Court jurisdiction. Our information does not constitute a legally binding assurance of certain properties or suitability for a specific purpose. Supplementary information by our specialists are merely recommendations, for which no liability is accepted.
Due to the many possible applications of our products, we recommend subjecting the project to a thorough suitability test on original materials before release for further application.
Since our information are non-binding we do not warranty their correctness. For this reason we accept no liability for possible improper processing based on information submitted by our employees.
This technical data sheet replaces all previous versions and is valid until a new version is issued, or until Dec. 31, 2024. Please request the latest version after Jan. 01, 2025.

Dr. Hermann, Anwendungstechnik / Application Technology, Gingen / Fils

BOSIG GmbH D – 73333 Gingen, Brunnenstraße 75 - 77 Telephone +49(0)7162-40 99-0 Fax +49(0)7162-40 99-200 www.bosig.de
info@bosig.de