

Dr. Dietrich Müller GmbH Zeppelinring 18 D-26197 Ahlhorn Tel.: +49 (0) 44 35 - 97 10 10 Fax: +49 (0) 44 35 - 97 10 11 Info@mueller-ahlhorn.com



CONTACT

Deutschland

Dr. Dietrich Müller GmbH Hauptsitz und Werk Flexibles Zeppelinring 18 26197 Ahlhorn +49 4435 97 10-318 +49 4435 97 10-11 info@mueller-ahlhorn.com

USA

Dr. Dietrich Mueller GmbH - Sales office USA 1201 N. Orange Street Suite 7160 19801 Wilmington, Delaware United States +1 302 4988371 +1 302 4988372 info.usa@mueller-ahlhorn.com

United Kingdom

Dr. Dietrich Mueller (UK) Ltd. 49 Greek Street London W1D 4EG United Kingdom +44 20 80894197 +44 20 80894198 info.uk@mueller-ahlhorn.com

China

Dr. Dietrich Mueller GmbH. Level 8, International Finance Center, Tower 2, 8 Century Avenue 200120 Shanghai, Pudong China info.china@mueller-ahlhorn.com

ABOUT OUR COMPANY

Dr. Dietrich Müller GmbH is a global solution provider for electrical insulation materials, thermally conductive products, seals and technical films.

We advise on the selection of the right material and manufacture precision parts from flexible and rigid materials. We operate 6 sites and provide services to companies around the world.

We are ISO 9001 and ISO 14001 certified and UL listed as a repackager (E341377).

Dr. Dietrich Müller GmbH

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11 info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn Geschäftsführer: Dr. Michael Müller | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093 St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2015 | UL anerkannter Repacker E341377 Elektroisolierstoffe

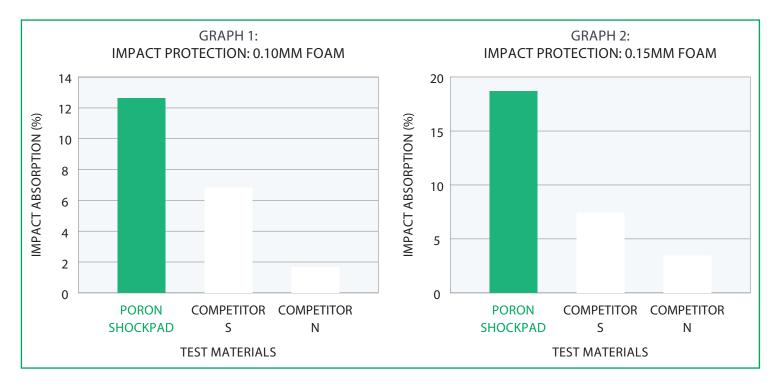
Dichtungen

- Wärmeleitprodukte
- Technische Folien



PORON[®] **ShockPad Foam** (0.10mm & 0.15mm) DATA SHEET

The trend toward thinner mobile devices drives the search for space-saving impact solutions. As a result of these compact designs, the display, the printed wiring board, and other electrical components are crowded into very thin spaces. While a variety of materials can fill tight gaps, none have exhibited the type of vital impact protection seen in PORON[®] ShockPad foams.



These results show PORON ShockPad material outperforms competitors by up to 7 times!

PORON ShockPad (0.10mm and 0.15mm) foam not only absorbs a significant amount of impact force, but displays excellent compression set resistance, is easy to process, and performs reliably over the life of the final product. To learn more, visit: Rogerscorp.com/ShockPad or contact your local sales representative.

The impact data above was compiled using the following test conditions:

Impacting Object: 4.3 g acrylic ball

Height of Drop: 30.5 cm

Procedure: The acrylic ball is dropped directly on the test material and the impact force is measured.



PORON[®] ShockPad Foam (0.10mm & 0.15mm)

DATA SHEET

PROPERTY	TEST METHOD	FINAL PRODUCT THICKNESS		
URETHANE ONLY		0.10mm	0.15mm	
THICKNESS, mm (mil)	PTP-0023	0.10 (4)	0.15 (6)	
Tolerance, mm (mil)		±0.025 (1)	±0.025 (1)	
COMPRESSION FORCE DEFLECTION, kPa	Modified ASTM D 3574:	217	141	
(psi)	PTP-0033 at 25% deflection	(31.5)	(20.5)	
COMPRESSION SET, Typical %	ASTM D 3574 Test D, 70°C	4.3	3	
STANDARD COLOR (CODE)		Black (04)	Black (04)	
RELEASE PET*			0.10mm & 0.15mm Products	
THICKNESS, mm (mil)	Range	0.051 (2.01) – 0.053 (2.09)		
BREAKING STRENGTH, Mpa	GB/T1040.3-2006: MD, TD	≥150, ≥170		
ELONGATION, %	GB/T1040.3-2006: MD, TD	≤200, ≤200		
HEAT SHRINK RATE, %	GB/T16958-2008: MD, TD	0.6~0.8, 0.9~1.1		

- * The release PET is typically removed during converting or final assembly and is not included as part of the total thickness.
- All metric conversions are approximate.
- Additional technical information may be available.
- All PORON Test Procedures are available for view. Please contact your Rogers Sales Engineer.
- Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.

0.10MM & 0.15MM PRODUCT CONSTRUCTION⁺

Urethane Foam

RELEASE PET (to be removed)

† Not shown to scale

WWW.ROGERSCORP.COM

ROGERS CORPORATION-HIGH PERFORMANCE FOAMS DIVISION US 800.935.2940 | Europe +32.9.235.36.11 | Asia +86.512.6258.2700

The information contained in this Data Sheet is intended to assist you in designing with Rogers' High Performance Foam Materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The user should determine the suitability of Rogers' High Performance Foam Materials for each application. The Rogers logo, The world runs better with Rogers, and PORON are licensed trademarks of Rogers Corporation. © 2013 Rogers Corporation, All rights reserved. Printed in U.S.A., 1113-PDF. **Publication #17-275**