

PORON® Urethane Foams offer a broad range of design solutions for gasketing, sealing, and energy absorption. These materials are specified in numerous applications within the Transportation industry where function and quality are critical.

PORON urethanes, flexible, high density, microcellular products, offer design engineers many outstanding features. They maintain excellent resistance to compression set (collapse), exhibit high resiliency, good vibration damping and shock absorption. Parts made from PORON urethanes continue to perform after constant and repeated deflection. Components won't loosen, and gasketing integrity will be maintained. Additionally, PORON materials offer an attractive, high quality surface finish.

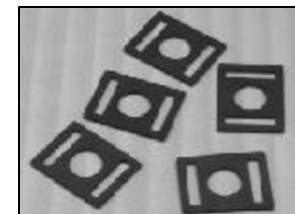
Through a unique manufacturing process, PORON cellular urethanes can be cast to tight tolerances and in precise variations of firmness and internal strength. These materials are supplied in thickness from 0.012" to 0.500" (0.30mm to 12.7mm) and are easily die cut and fabricated to shape.

Most PORON standard products above 0.062" (1.57mm) thickness meet **MVSS-302** and **UL 94 HBF** flammability ratings. MVSS-302 is the Motor Vehicle Safety Standard No. 302. "Flammability of Interior Materials-Passenger Cars, Multi-purpose Passenger Vehicles, Trucks and Buses." In addition, due to the low outgassing of the standard PORON urethane materials, they meet **SAE-J1756** for Fogging Requirements, which are specified in Ford WSK-M2D461 and GM 6098M and Chrysler MS-AY549.

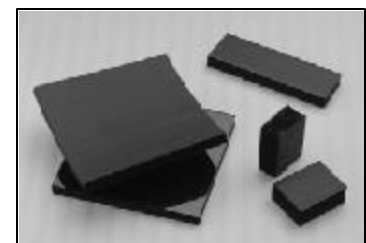
Standard formulations of PORON urethanes do not contain heavy metals, enabling the materials to meet the environmental requirements of General Motors **GM1000M**, Ford Motor Company **WSS-M99P9999-A1**, Chrysler Corporation **CS9003** with no reporting or labeling necessary.



Cupholder



Audio Pushbutton Gaskets



Gas Tank Isolator Pads



Electric Contact Gasket



Instrument Cluster Gasket

Transportation/Automotive Applications

- A/C Heater Duct Gaskets Radio
- A/C Vent Gasket
- Air Cleaner Mount
- Climate Control Shock/Vibration Mounts
- Coin Holder Spring
- Connector Spacer
- Cruise Control Seal
- Cup Holder
- Dash Board Impact Pad
- Electrical Contact Gasket - Windows & Locks
- Electronics Display Gaskets
- Gas Tank Isolator Pads
- Instrument Cluster Gaskets
- LCD Mount
- License Plate Gasket
- Mirror Mount
- Motor Vibration Mount
- Push Button Gasket
- Seat Belt Retractor Pad
- Solenoid Shock Pad
- Spare Tire Mount
- Taillight Gaskets
- Visor Vibration Isolator
- Window Washer Switch Pad
- Windshield Wiper Assembly Spacers

Contact Rogers for a complete listing of PORON urethanes and the automotive specifications they meet.

For more information on PORON cellular urethanes and other Rogers products specified in automotive applications, please visit our website at www.rogerscorporation.com or contact your local Rogers Sales Engineer.

PORON cellular urethanes are available through a worldwide network of knowledgeable Preferred Converters.



The information contained in this bulletin is intended to assist you in designing with Rogers' urethanes. 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 or that the results shown in this bulletin will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers' urethanes for each application.



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