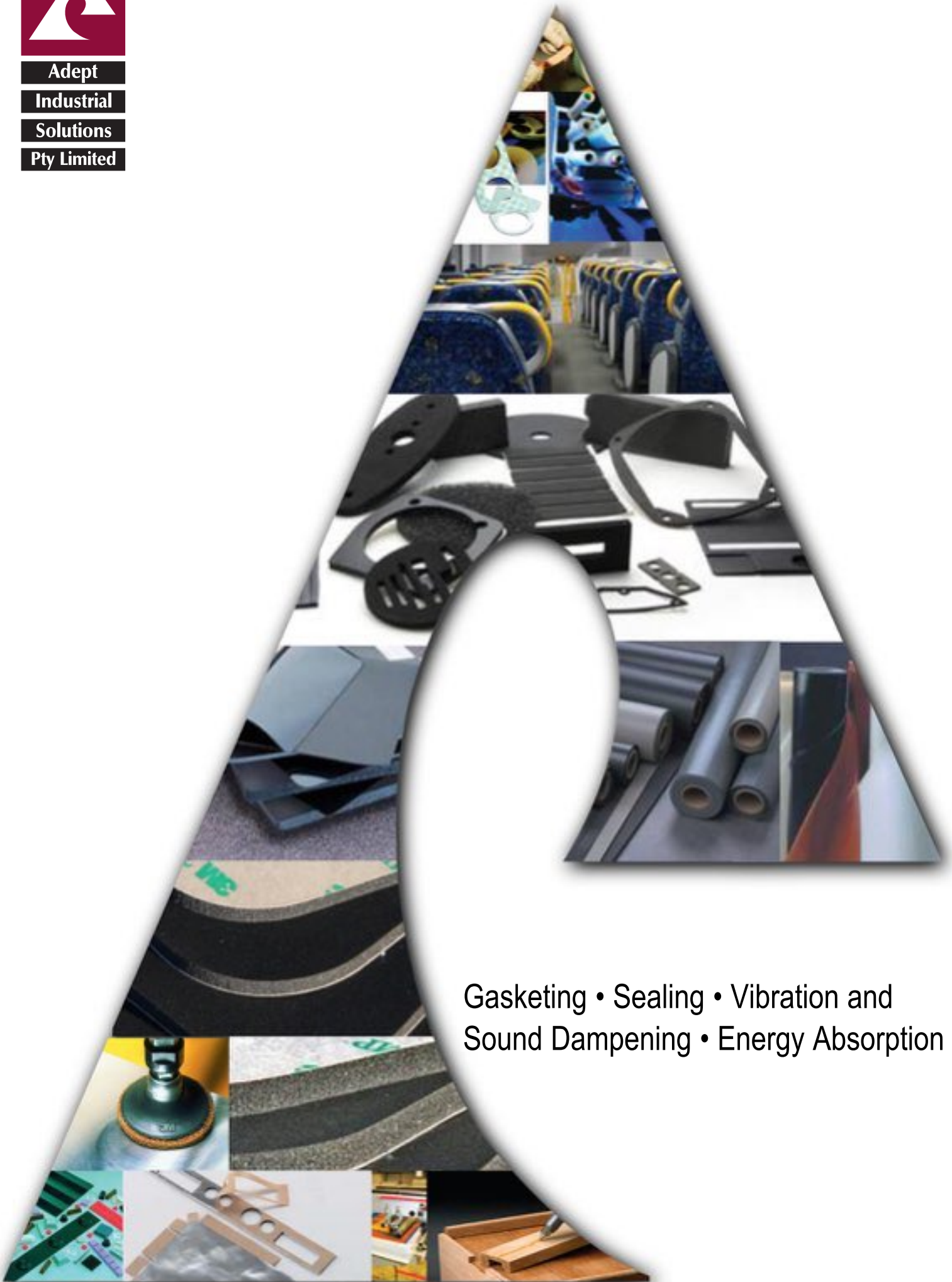




Adept
Industrial
Solutions
Pty Limited

PORON® Microcellular Urethanes for Industrial Applications



Gasketing • Sealing • Vibration and
Sound Dampening • Energy Absorption

PORON® MICROCELLULAR URETHANES FOR INDUSTRIAL APPLICATIONS

PORON® Microcellular Urethane Foams offer a broad range of design solutions for gasketing, sealing and energy absorption. Low compression set and low outgassing features make these foams ideal for applications in communications, automotive, electronic and other industrial devices.

PORON urethanes are flexible, high-density microcellular products that offer design engineers many outstanding features. PORON products maintain excellent resistance to compression set (collapse), exhibit high resiliency, good vibration damping and impact absorption. Parts made from PORON urethanes continue to perform after constant and repeated deflection. Components will not loosen, and gasketing integrity will be maintained.

Through a unique manufacturing process, PORON microcellular urethanes can be cast to tight tolerances and in precise variations of firmness and internal strength. These materials are supplied in thickness from 0.43mm to 12.7mm and are easily die cut and fabricated to shape. Many PORON urethanes are conformable and thin for space constrained applications.



Key features and benefits:

- Excellent compression set resistance which enables durable, long-term performance for gasketing, sealing and cushioning.
- Low-outgassing and non-fogging, containing no plasticisers or residual chemicals to contaminate the device. The material will not become brittle and crumble and is non-corrosive to metal.
- Inherently flame retardant without the use of additives. Many of the materials meet flammability requirements of UL HBF and MVSS 032.
- Engineered urethane formulations offering a wide modulus range -2-90 psi @ 25% deflection; for more design versatility requirements.
- Excellent performance over broad temperature range. (-40°C to 90°C).
- Good chemical resistance.
- Easy to fabricate, die-cuts cleanly and readily accepts adhesive without surface preparation.
- Available in a variety of colours.

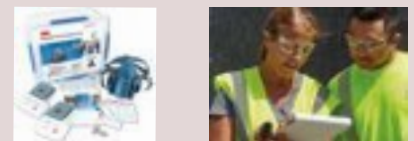
Converting

Converting to die cutting can add value to any product by increasing design flexibility and freeing designers from many constraints, resulting in higher quality finished products.



Safety First!

Do you have the right safety PPE for your employees? When involved with industrial abrasives or aerosol spray adhesives and cleaners, safety glasses or goggles, as well as a respirator may be the workplace safety you need.



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To learn more about the product that is right for your application or place an order, contact **Kieran** or **Adel** at **Adept Industrial Solutions** on **1800 008 590**.

Freecall: 1800 008 590
www.adept-industrial.com.au
sales@adept-industrial.com.au

Please note that the technical information and data provided within should be considered representative or typical only and should not be used for specification purposes. User should evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of application.