

# Commercial Blenders

## PORON® Urethane Foams Reduce Noise and Vibration

### THE CHALLENGE



**PORON® Urethane materials are used as gaskets and cushions in the motor compartment to reduce noise and vibrations.**

Household appliances are expected to do more now than ever before. A washer not only has to clean your clothes but it must do so in an energy efficient manner. This concept applies to commercial and industrial blenders. In addition to having a blender that works efficiently, today's consumer also desires a blender that will be pleasant to use. Specifically, the degree of vibrational energy and noise that is generated during use needs to be significantly reduced or the experience of making the "morning smoothie" becomes less enjoyable.

PORON® Urethanes have been successfully used in appliances due to their unique formulations. These materials are able to resist compression set far better than the competition, providing long-term performance and also have very good energy management properties. When a PORON Urethane gasket is used within the motor area of a blender, the noise and vibrations generated can be minimized thereby providing a more pleasant consumer experience.

### ROGERS MATERIAL SOLUTIONS

The following PORON Urethanes can be used as gaskets and cushions in blender applications to reduce noise and vibration.

PORON 4701-30 formulation in the following densities

- 15 pcf, 20 pcf, and 25 pcf

### SOLUTION FEATURES AND BENEFITS

Excellent vibration isolation performance

Superior compression set resistance enables long-term performance

Functional across a wide temperature range (-40°C to 90°C)

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