

OpFlex is an open-celled crosslinked polyolefin foam that offers excellent oil and sound absorption properties. OpFlex is a highly effective oleophilic/hydrophobic foam with a high affinity for oils and the ability to repel water. OpFlex is capable of absorbing up to 32-times its weight in oils making it an ideal material for use in industrial and marine applications.

TYPICAL PHYSICAL PROPERTIES

TYPICAL PROPERTIES	TEST METHOD	UNIT OF MEASURE	OPFLEX
Density	ASTM-D-3575	PCF kg/m ³	2.0 32
Tensile Strength	ASTM-D-3575	PSI kPa	18 124
Elongation	ASTM-D-3575	%	320
Compression Deflection @25%	ASTM-D-3575	PSI kPa	<1.0 <7
Compression Deflection @50%	ASTM-D-3575	PSI kPa	<2 <14
Compression Set @ 50%	ASTM-D-3575	% of original thickness	<8
Tear Strength	ASTM-D-3575	PLI N/mm	6 1.1

AVAILABILITY

OpFlex is offered in fine-cell buns, trimmed.

SIZE AVAILABLE:

3" x 48" x 72" (75 x 1200 x 1800 mm)

COLOR AVAILABLE:

Black., Natural

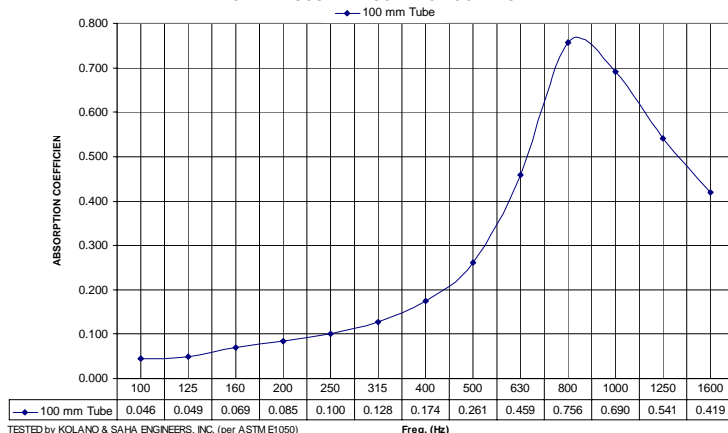
MATERIAL ADVANTAGES

Highly Absorbent
 Excellent Longevity
 Reusable/Cleanable
 Breathable
 Soft, Non-Abrasive
 Non-Toxic
 Oleophilic/Hydrophobic
 UV and Chemical Resistant

OIL ABSORBENT APPLICATIONS

Engine Wipes/Spill Socks/Drip Collectors
 Oil Boom Flotation
 Bilge Oil Absorption
 Oil/Water Separators
 Filtering Media
 Pool & Spa Scum Collectors
 Sponge Mops and Brushes
 Cosmetic Sponges
 Ink Rollers and Stamp Pads
 Boat Deck Matting

OPFLEX SOUND ABSORPTION COEFFICIENT



SOUND ABSORBENT APPLICATIONS

Automotive NVH Gaskets
 Industrial/Appliance
 Building/Construction

NRC (Noise Reduction Coefficient) = 0.41
 Octave Band Center Frequencies, Hz
 (Per ASTM E-1050)

NOTE: Physical properties listed are nominal. Specific ranges and tolerances for any individual application are available upon written request. Because we cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own tests to determine the suitability of each such product for their particular purpose. The products discussed are sold without warranty either expressed or implied, and the buyer assumes all the responsibility for loss or damage arising from the handling and use of our products whether done in accordance with directions or not. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.