

M200, M300 & M380

Product Definition

Minicel M200, M300 & M380 are closed-cell chemically crosslinked polyethylene foam that has been specially formulated for increased thermal resistance and excellent shock absorption. This results in a smooth surface with an extremely fine cell structure. Minicel M200, M300 & M380 standard color is natural (white).

Product Characteristics

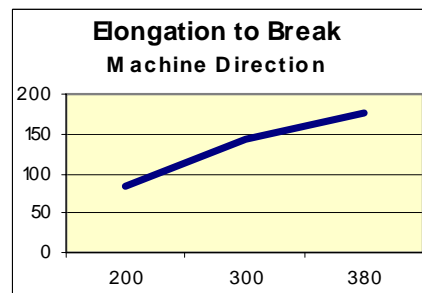
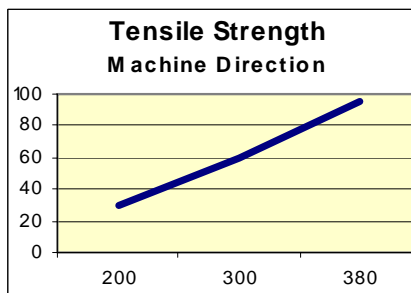
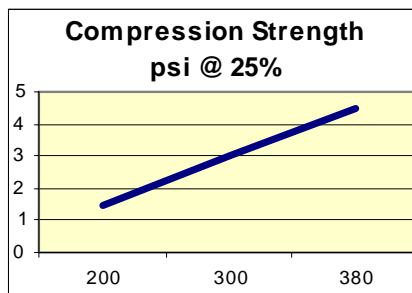
- Resiliency
- Good shock absorber
- Good thermal insulator
- Low water absorption
- Increased temperature stability compared to L200
- Impervious to mildew, mold, rot, and bacteria
- Excellent chemical resistance

Minicel M200 is especially suited for packaging specifications conforming to Mil Spec PPC 1752B. It can be used as a back up filler strip for construction expansion joints. M300 and M380 are specially formulated for high performance properties at a low density. This makes it ideal for the athletic padding industry and many industrial applications.

Product Form

- Minicel M200, M300 & M380 are produced in molded bun form
- Standard slab sizes after trimming are:
 - 3" X 48" X 48"
 - 4" X 48" X 48"
 - 3" X 48" X 54"

Minicel M200, M300 & M380 can be skived, laminated, embossed, thermoformed, die cut, sewn, printed, vinyl dipped, and pressure-sensitive adhesive coated.



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Typical Properties of Minicel M200, M300 & M380

<u>Property</u>	<u>M200</u>	<u>M300</u>	<u>M380</u>
Density, pcf (ASTM D3575-84)	2.0	3.0	3.8
Compression Strength, psi (ASTM D3575) @ 25% deflection	8.7	14.8	20.5
Compression Set % of original thickness (ASTM D3575-84)	17.5	14	12.2
Tensile Strength, psi (ASTM D3575-84)	42.2	65.0	83.5
Elongation To Break (%) (ASTM D3575-84)	113.0	133.0	145.0
Tear Resistance, lbs/inch (ASTM D3575-84)	6.4	11.3	15.1
Water Absorption, lb/ft ² of cut surface Maximum (Mil P-40619)	0.07	0.07	n/a
Buoyancy, lb/cubic foot (Mil P-40619) (USCG)	55	n/a	n/a
Temperature Range Degrees F	(-110) - +215	(-110) - +215	(-110) - +215

This information on Minicel chemically crosslinked polyethylene foam is presented to our best knowledge. All test data are average values unless stated and should be considered as guidelines to the performance of this product and should not be used as specifications.