



**Product Description**

TUFCOTE H-xxPSM acoustical foam features a perforated aluminized facing on polyurethane foam. The aluminized facing allows the foams to withstand high radiant heat and keeps the temperatures of the foams and substrate significantly lower. The standard H-xxPSM foam with facing meets HF-2 flame rating and also meets the requirements of UL2200 listing for generators.

TYPICAL PROPERTIES	H-100PSM	H-200PSM
<b>Description, Top Surface</b>	Perforated 1.0 mil aluminized polyester	Perforated 1.0 mil aluminized polyester
<b>Nominal Density, kg/m<sup>3</sup> (lb/ft<sup>3</sup>)</b> ASTM D3574	27 (1.7)	27 (1.7)
<b>Flammability</b> UL2200 FMVSS302	Listed Meets	Listed Meets
<b>Tensile Strength - Foam, kPa (psi) ASTM D3574</b> @23°C (73°F), ambient humidity @70°C (158°F), 100% humidity x 2wks	103 (15) 110 (16)	103 (15) 110 (16)
<b>Elongation - Foam, %, ASTM D3574</b> @ room temperature, ambient humidity	200	200
<b>Random Incidence Absorption Coefficient</b> ASTM C423 @ 125 Hz @ 250 Hz @ 500 Hz @ 1000 Hz @ 2000 Hz @ 4000 Hz NRC	0.12 0.36 0.65 1.06 0.62 0.83 0.67	0.35 0.48 0.94 0.67 0.84 0.75 0.73
<b>Temperature Range, °C (°F)</b>	-40 to 107 (-40 to 225)	-40 to 107 (-40 to 225)
<b>RoHS Compliant</b>	Yes	Yes

The data listed in this data sheet are typical or average values based on tests conducted by independent laboratories or by the manufacturer. They are indicative only of the results obtained in such tests and should not be considered as guaranteed maximums or minimums. Materials must be tested under actual service to determine their suitability for a particular purpose.

### Technical Information

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