

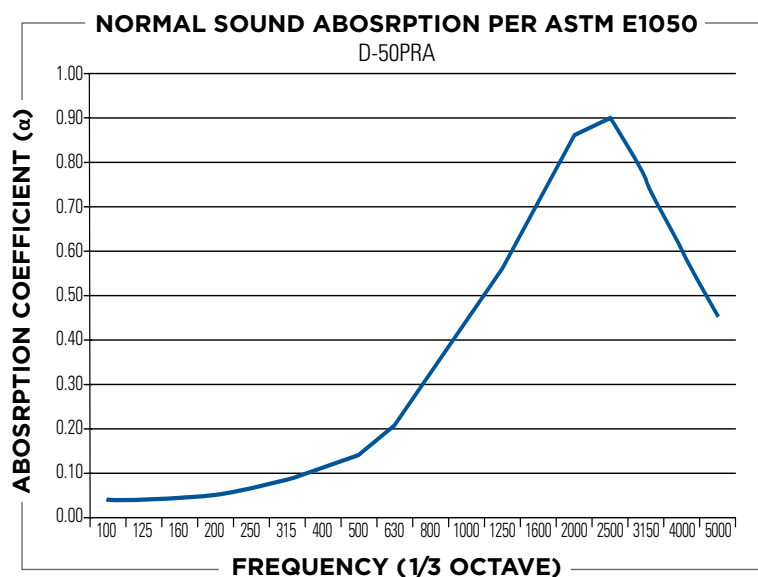
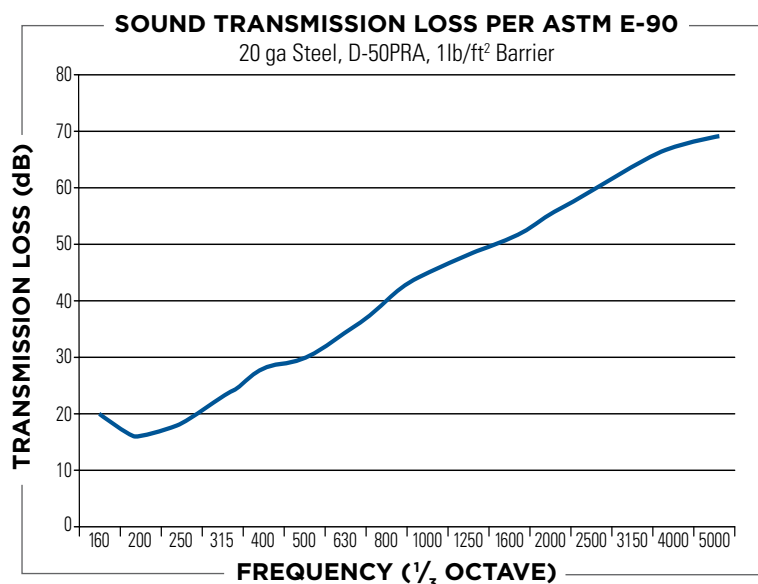


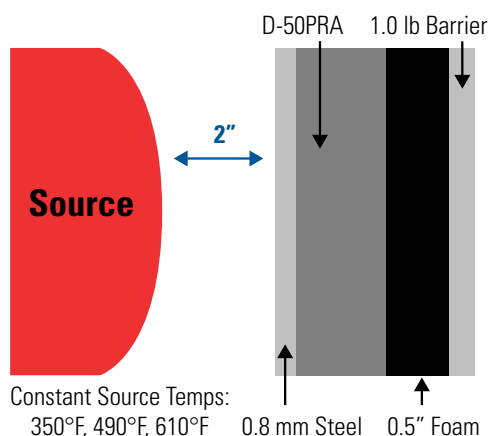
Product Description

TUFCOTE D-50PRA foam features a perforated reinforced aluminum facing on polyurethane foam with an exceptionally low compression set. The facing allows the foams to withstand high radiant heat and keeps the temperatures of the foams and substrate significantly lower. The standard D-50PRA foam with facing meets the MVSS302 flame rating.

| TYPICAL PROPERTIES | D-50PRA |
|---|------------------------------------|
| Thickness | 0.5" |
| Description Top Surface | Perforated Reinforced Aluminum |
| Density , kg/m ³ (lbs/ft ³) Foam, ASTM D1117 | 64.1 (4.0) |
| Thermal Conductivity BTU•in/hr•ft ² •°F at 75°F | 0.26 |
| Compression Set , (%) ASTM D3574, 50% Deflection Test D | 6.4 |
| Compression Force Deflection , kPa (psi) ASTM D3574 @ ambient 25% Deflection 50% Deflection | 3.5 (0.51) 6.3 (0.91) |
| Odor/Mildew Resistance AATCC Method 30 | Pass |
| Flammability FMVSS-302 | Meets |
| Temperature Range , °C (°F) Recommended Service Temperature | -40°C to 107°C (-40°F to 225°F) |

The above technical information and data should be considered representative or typical only and should not be used for specification purposes.



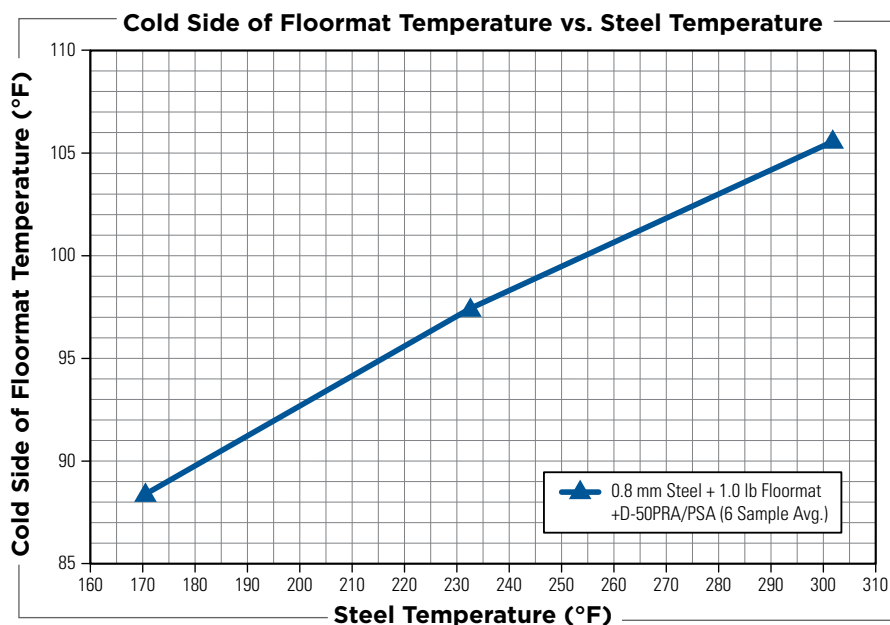


TUFCOTE™ D Series foam is very effective at reducing thermal loads in areas with high heat sources where little space is available.



HTTR Test

- Cylindrical Heat Source, variable from 80°F to 1300°F
- Distance from heat source to sample material variable from 0.5" to 5.0"
- System allowed to reach steady state before each measurement is taken (1 hour)



Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Aearo Technologies believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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