Product Description

ISODAMP TD-1604 is a self-adhering, damping composite used for controlling structureborne vibration. An aluminum constraining layer combined with a proprietary damping material makes it a good choice for use in medium gauge structures.

- High system loss factor maintained following a thermal cycle treatment in heat oven
- Conformable to irregular shapes
- Available as die-cut, custom parts

TYPICAL PROPERTIES	ISODAMP TD-1604
Areal Weight, kg/m²	2.52
Flammability FMVSS-302	Meets
Cold Flexibilty	-30°C

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

TYPICAL PROPERTIES	ISODAMP TD-1604
Minimum Application Temperature, °C (°F)	5°C (41°F)
Odor ASTM D4339	No Odor
Fogging ASTM D5393, ISO 6452, SAE J1756	Pass
RoHS Compliant (as of Dec 2013) **REACH Compliant** (as of Dec 2013) **TSCA Compliant** (as of Dec 2013)	Yes Yes Yes

High Temp Heat Resistance

One hour at 210°C

No curling, no blistering, no burning

<5% linear shrinkage

Maintains 99% of the original weight

PEEL STRENGTH

CONDITION*	180° Peel Strength ASTM D903 (aluminum substrate)	Sheer Strength ASTM D3163 (aluminum substrate)	90° Peel ASTM 6862 (Oily Cold Rolled Steel)
As produced (12 Hours RT)	6.8 lbf	24.8 lbf	5.5 lbf/in
After high temperature exposure*	3.6 lbf	17.39 lbf	
After thermal cycling**	8.3 lbf	29 lbf	4.0 lbf/in
2 weeks at 70°C			4.6 lbf/in
2 weeks at 38°C, 95% RH			4.3 lbf/in

* 1 hour at 210°C
** 3.1 Hour Cycles between -40°C and 70°C × 100

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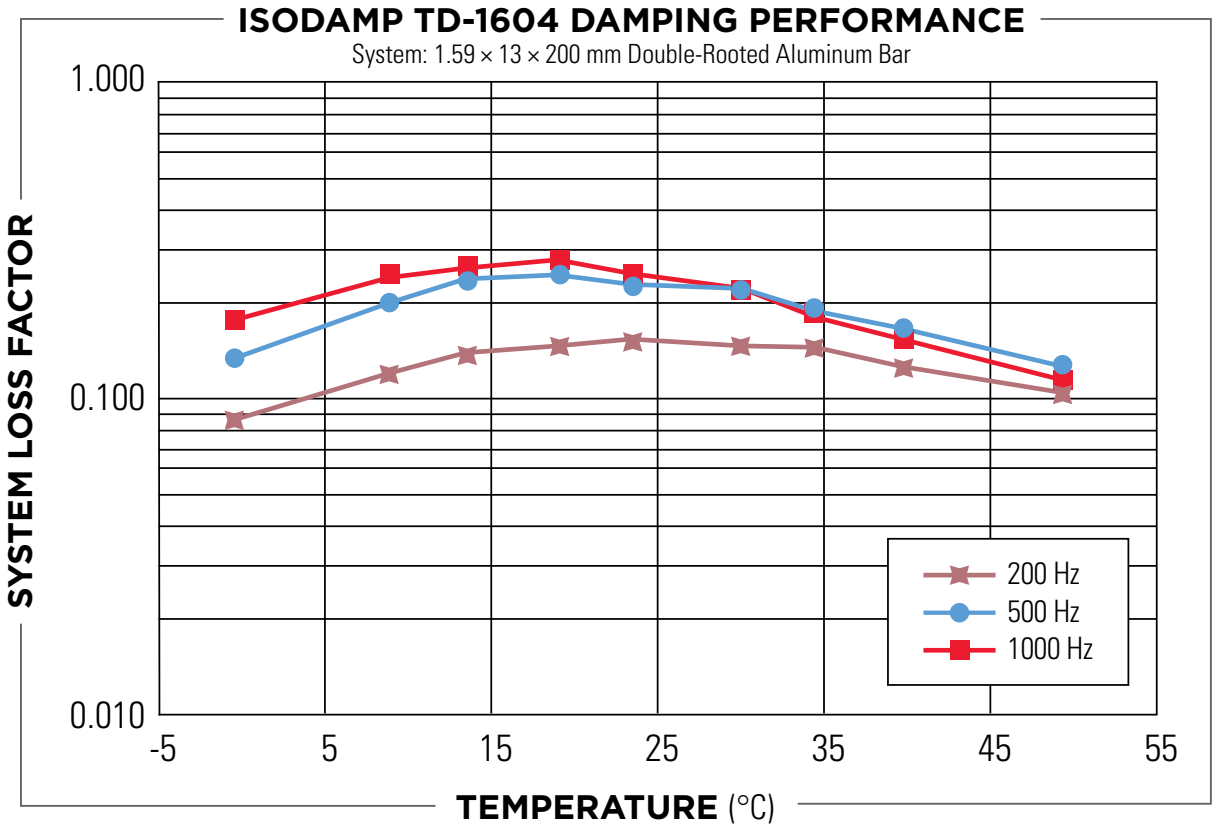
Precautionary Information: Refer to Box Label and Safety Data Sheet for safety information before handling this product.



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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