Subject: Re: Foam versus fiberglass
Posted by Wayne Parham on Tue, 01 Aug 2017 16:46:42 GMT
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What we're looking for in acoustic damping isn't the same thing as what is desirable as a thermal insulator.

The movement of fibers in the fiberglass is what damps the sound, and it isn't the same in a foam. Some (open cell) foam products damp high-frequency sounds pretty well but other foam products don't, particularly closed cell foams. They are pretty good at thermal insulation though.

Anyway, as I said, the characteristics that provide thermal insulation aren't necessarily the same characteristics we want for sound damping.