

DECI-TEX[®] 3D 200FF 3-Dimensional Thermally Bonded Polyester Absorber

DECI-TEX 3D 200FF is vertically aligned, thermally bonded polyester sound absorbers with light film laminated to both sides for enhanced acoustic performance and improved vibration damping properties.

DECI-TEX 3D 200FF is a soft blanket made to nominal thickness.

The unique fibre construction of DECI-TEX 3D and light film properties results in good sound absorption combined with robust mechanical properties.

DECI-TEX 3D 200FF exhibits low fire hazard properties and is completely safe and non-toxic to use.

DECI-TEX 3D 200FF is developed for automotive industry as a lightweight acoustic alternative to automotive felts.

Because DECI-TEX 3D 200FF is made with the fibres oriented vertically we offer this product with **Radical[®]** acrylic self-adhesive system.

FEATURES

- Completely safe, non-toxic
- Low fire hazard properties – tested to AS1530.3 returns 7, 0, 0, 3
- Self-extinguishing & zero burn rate is returned when tested to MVSS302
- Non-allergenic
- Range of densities and thicknesses
- Can be moulded to shape

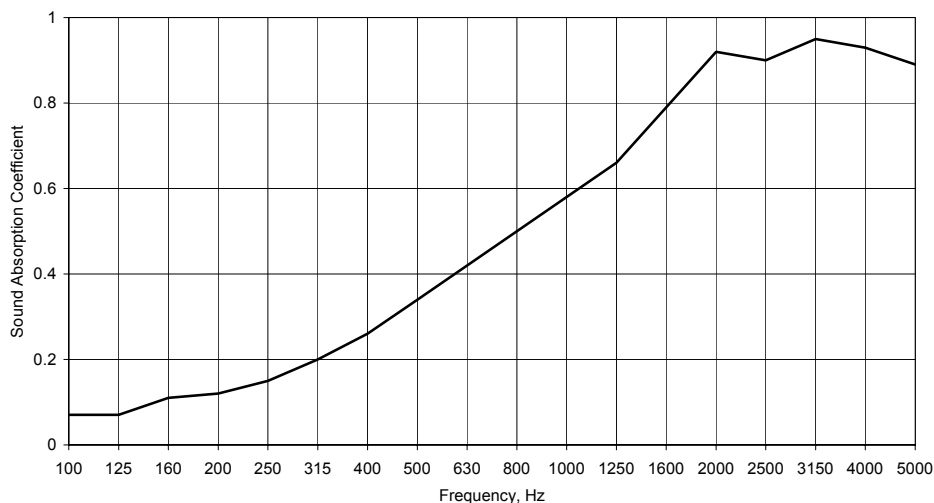
BENEFITS

- Safe and clean to handle
- Protective clothing not required
- Easy to install using self-adhesive
- Replaces automotive felts

APPLICATIONS

- All acoustic requirements for soft, sound absorbing pads in automotive applications

Reverberation Room testing to AS 1045
Deci-Tex 3D 200FF



STANDARD PRODUCT CODES

STANDARD PRODUCT	NOMINAL THICKNESS	WIDTH	ROLL LENGTH	DENSITY
DECI-TEX 3D 200FF	6-10mm ± 1mm	As required	As required	20 kg/m ³

DECI-TEX 3D is manufactured to a nominal thickness only. Typical thickness variations are ± 1mm.

SOUND ABSORPTION (Test in the reverberation room to AS 1045)

FREQUENCY	SOUND ABSORPTION COEFFICIENT
Hz	Deci-Tex 200FF
125	0.07
250	0.15
500	0.34
1000	0.58
2000	0.92
4000	0.93
NRC	0.50

FLAMMABILITY PROPERTIES

MATERIAL	MVSS-302	AS 1530.3			
		Ignit-Ability	Spread of Flame	Heat Evolved	Smoke Develop.
DECI-TEX 3D	Self Extinguishing 0 Burn rate	7	0	0	3

MISCELLANEOUS PROPERTIES

MATERIAL	REC. MAX. SERVICE TEMP.	CHEMICAL RESISTANCE	THERMAL CONDUCTIVITY 'K'	MOISTURE ABSORPTION
DECI-TEX 3D	130C Continuous	Excellent	0.036 W/mC	<0.03% by vol. At 50C, 90% RH (for 4 days or more).

TOXICOLOGY/HEALTH AND SAFETY

DECI-TEX 3D is completely non-toxic and safe to handle without protective clothing or respiration apparatus.

NOTES: Specifications are subject to change without notice.

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



**Commercial
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