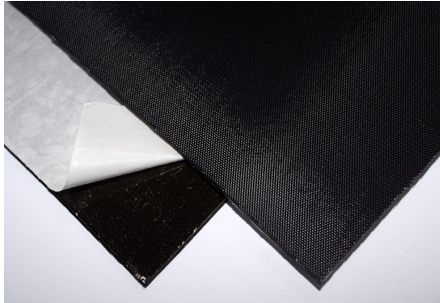


Vibration Damping: Megasorber D10 Self-adhesive Vibration Damping Sheet with Fireproof facing



Product Codes: Megasorber D10-4BKA and Megasorber D10-6BKA



Megasorber D10-4BKA (Black)

(1) Vibration Damping Properties:
Standard: Standard: ASTM E756: Standard Test Method
for Measuring Vibration-Damping Properties of Materials:

Product	Steel substrate thickness (mm)	System loss factor (at 22°C)
Megasorber D10-4BKA	1	0.17
Megasorber D10-6BKA	3	0.1

(2) Sound Transmission Loss:
Standard: SAE J1400 – Laboratory Measurement of the Airborne Sound Barrier Performance of Automotive Materials and Assemblies:

Frequency Hz	Megasorber D10-4BKA	Megasorber D10-6BKA
	STC = 23	STC = 26
100	13	13
125	13	14
160	13	14
200	13	15
250	12	16
315	16	17
400	16	19
500	18	21
630	20	23
800	22	24
1000	25	27
1250	27	29
1600	29	31
2000	31	33
2500	32	34
3150	34	35
4000	35	37
5000	37	36

FEATURES

- Non-combustible Soundmesh G8 facing with BS476 Part 4 non-combustible classification, BCA Group 1 fire classification (AS/NZS 3837) and ISO 5660 Group 1 fire classification;
- High damping efficiency;
- High sound blocking efficiency;
- Acrylic pressure sensitive backing for easy application;

BENEFITS

- Dampen panel vibration and resonate noise effectively;
- Improve sound transmission loss (or Rw)
- Fireproof facing reduces fire and smoke hazards;
- Cost effective material to reduce low frequency structure-borne noise;
- Safe and environmentally friendly.
- Low installation cost: ease to cut and install.

TYPICAL APPLICATIONS

- Metal roof panel and wall cladding to reduce rain impact noise;
- Marine: hull panels, deck head and bulkhead damping treatment;
- Transportation: buses, trucks and rail-vehicles panel damping treatments;
- General industries: enclosure panel damping, hoppers and chutes, machinery guards, acoustic enclosures etc;
- Automotive: damping treatment for door panels, roof panels and floor panels and so on.

