



EMC対策

EMC (Electromagnetic Compatibility)



安全 (ADAS)
Safety(ADAS)

masa-sorb - ミリ波吸収シート

Millimeter wave absorbing sheet - masa sorb -

広帯域・広角・高吸収な レーダー用ミリ波吸収シート

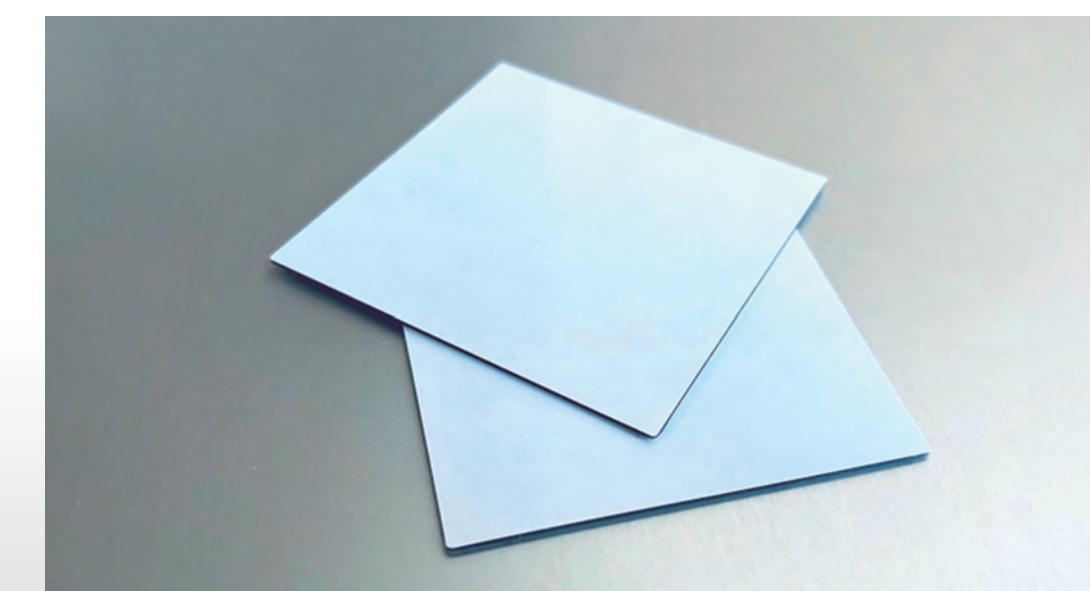
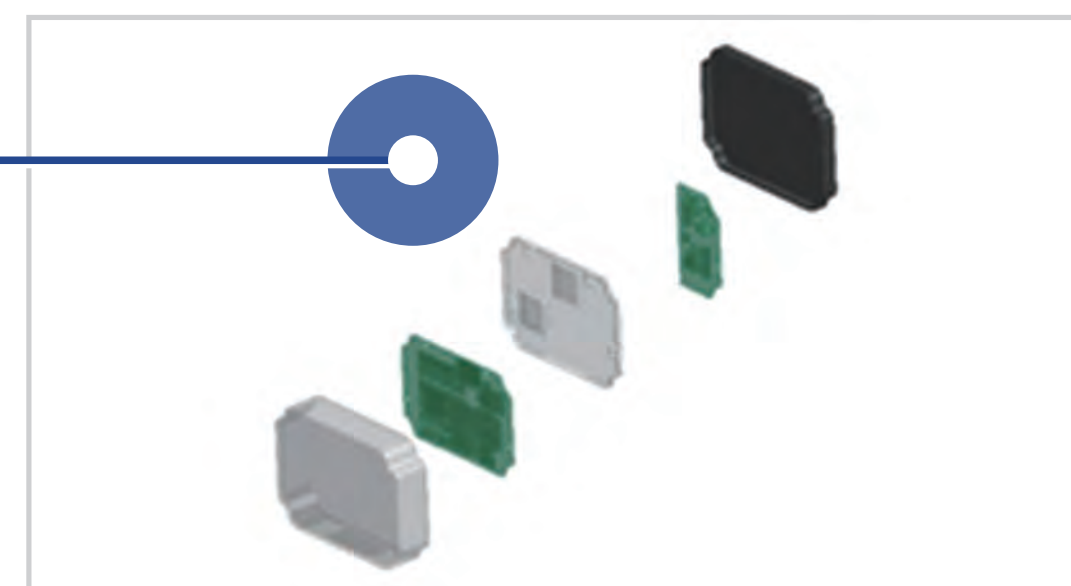
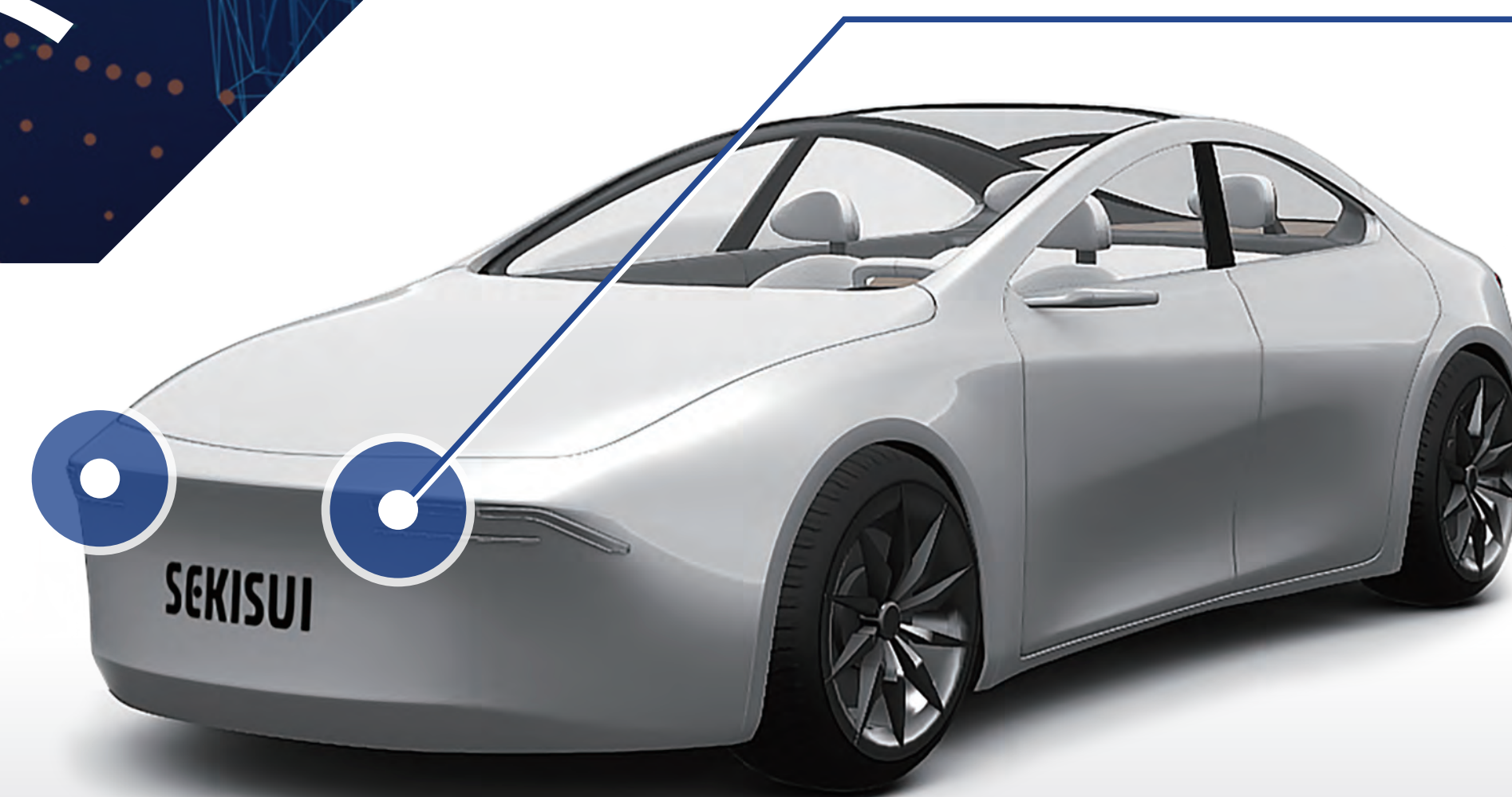
Wide-band, wide-angle, high-absorption millimeter-wave absorbing sheet for radar

用途事例

Potential applications

ミリ波レーダーのノイズ吸収

Noise absorption for millimeter-wave radar



Challenge

ノイズ干渉による能力低減防止

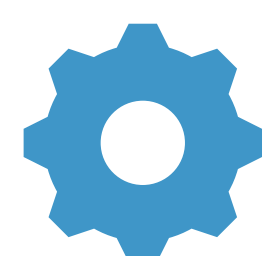
Prevention of capacity reduction due to noise interference



Solution

広帯域対応の薄型高吸収ミリ波吸収シート

Wide-band, thin, highly absorbent millimeter-wave absorbing sheet



Technology 技術情報

Technical overview

feature
01

高吸収・広帯域

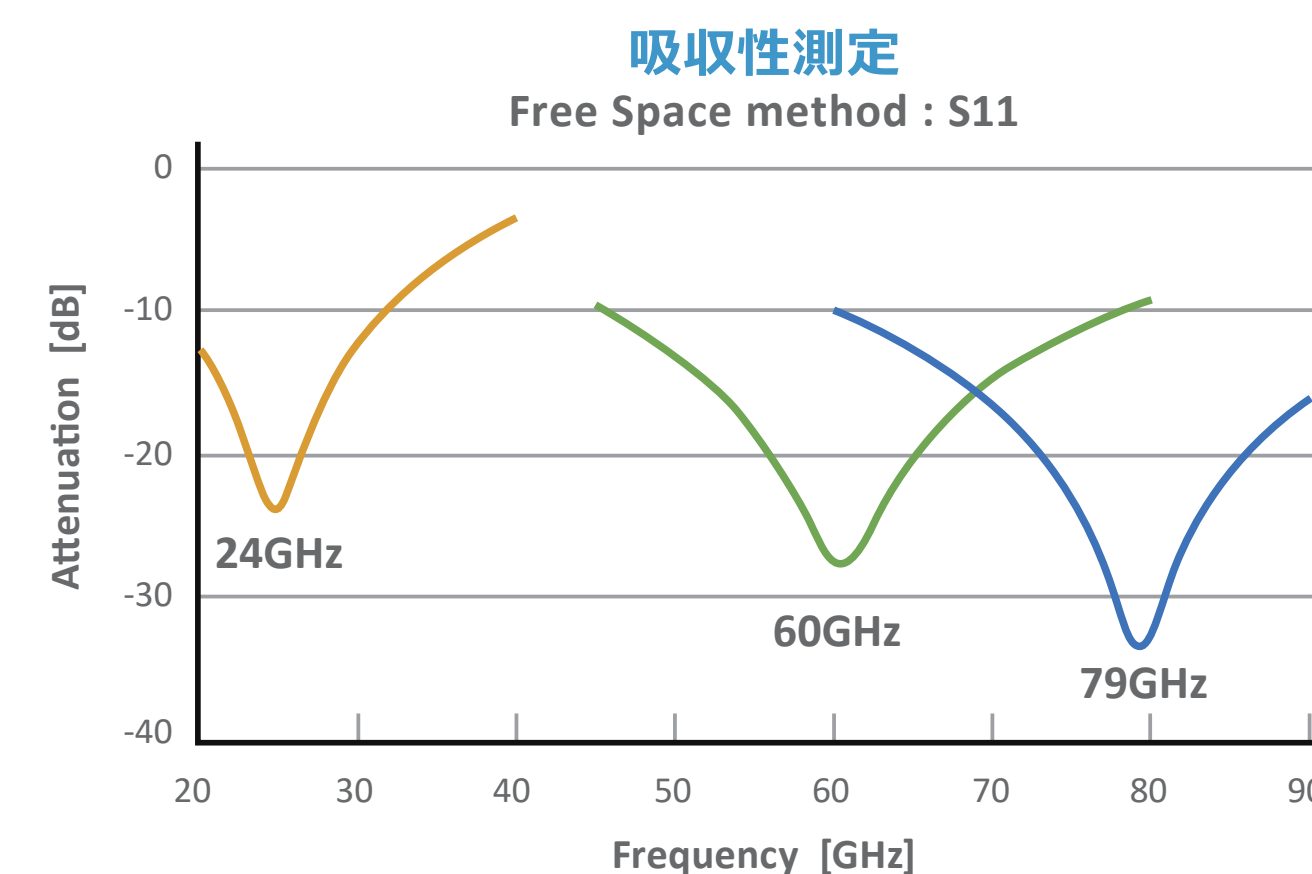
High absorption · Wide band

20 ~ 90GHz 対応

20dB (99%) の減衰性能あり
ご要望の周波数に調整可能 (要相談)

Corresponds to 20 ~ 90GHz

20dB (99%) attenuation performance available.
Can be customized to your requested frequency.



feature
02

広角度

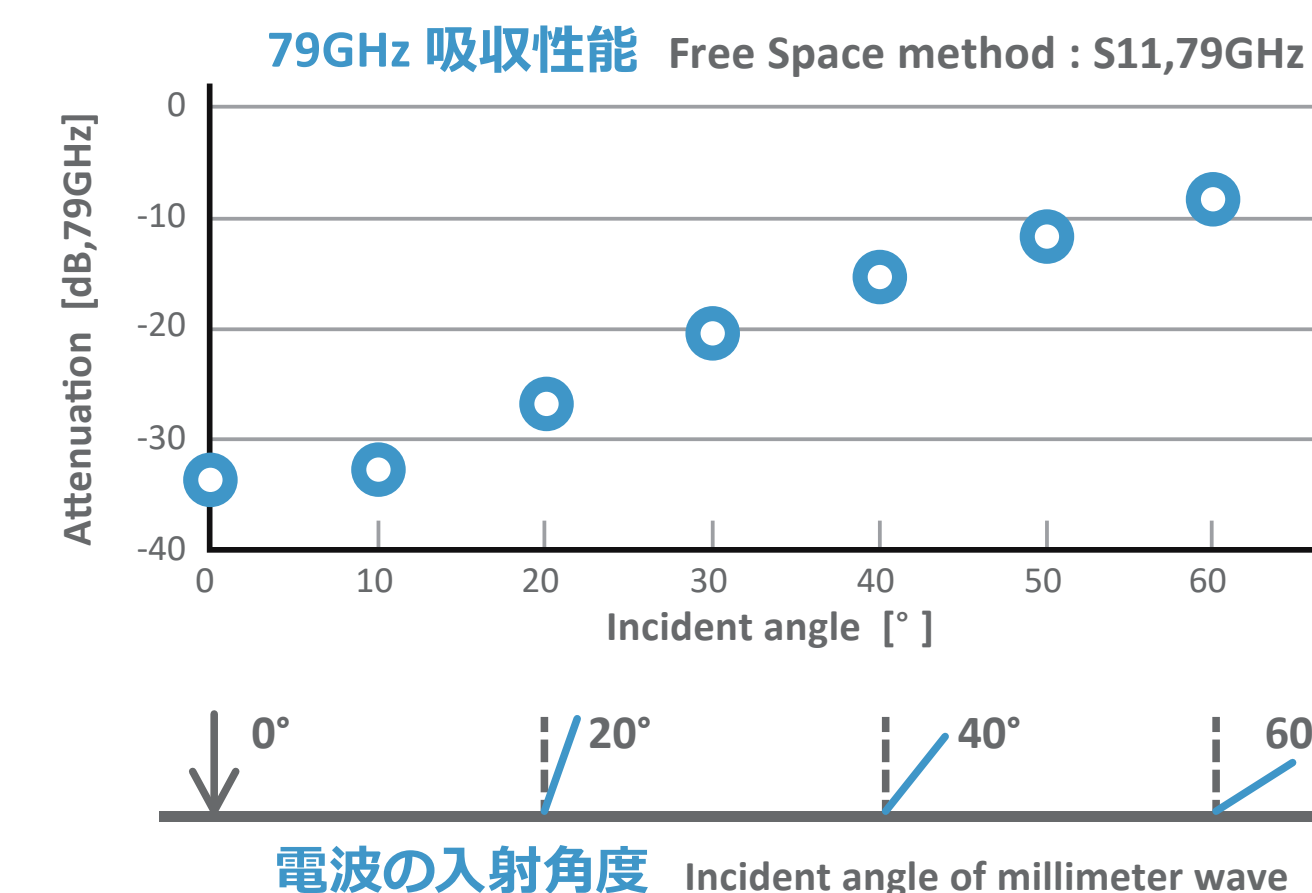
Wide angle

高い斜入射特性

入射角 40°で吸収性は 15dB 以上

High oblique incidence characteristics

The absorption peak is more than 15 dB at 40° angle.



feature
03

薄膜・軽量

Ultra thin · Light weight

デバイスの小型・軽量化に寄与

Contributes to smaller and lighter devices

ZCF-SRA-0790 (79GHz) : 0.8mm

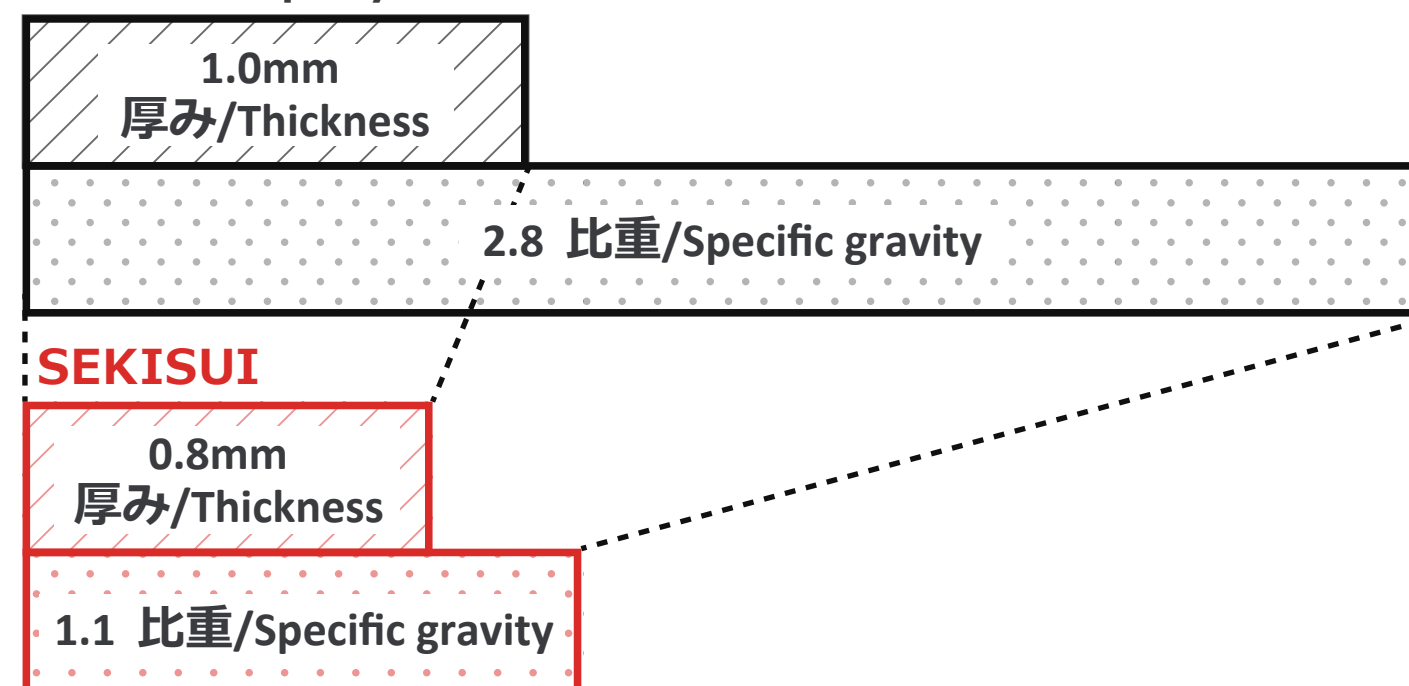
ZCF-SRA-0600 (60GHz) : 1.0mm

ZCF-SRA-0240 (24GHz) : 2.1mm

厚み・比重比較

*ZCF-SRA-0790

Other company A



feature
04

扱いやすさ

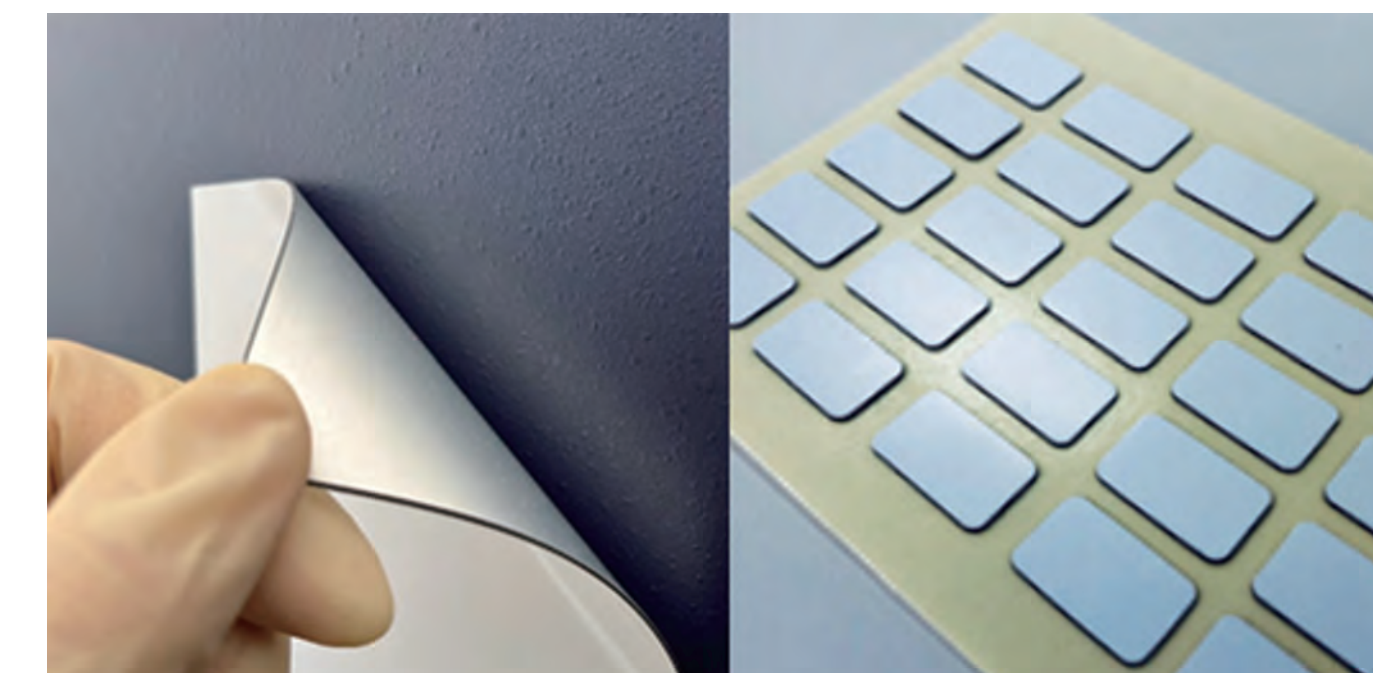
Usability

柔軟・打ち抜き加工可

裏面に両面テープ付き
指定図面での納品も可能
(標準サイズ : 300×300mm)

Soft · Die-cut

With adhesive tape.
Can be supplied in specified sizes based on drawings.
Standard size is 300 x 300 mm.



展示会特設Webサイト
1/29 (月) より製品資料公開
Exhibition Special Website
Document D/L from Mon, 29 Jan.

SEKISUI

問合せ先
Contact us

積水化学工業株式会社 高機能プラスチックカンパニー モビリティ戦略室
SEKISUI CHEMICAL CO.,LTD. High Performance Plastics Company Mobility Business Strategy Department



sekisui-auto@sekisui.com