

発泡接着剤シート：SAFB

Foaming adhesive sheet: SAFB

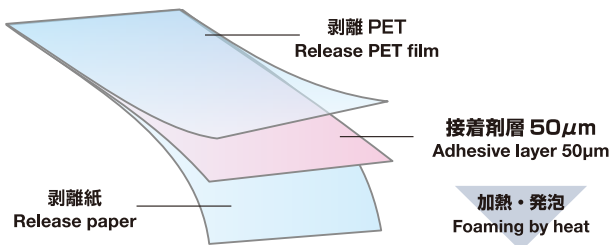
加熱により発泡し、厚みが増すことで隙間充填と接着を両立

Foaming and increasing thickness by heat, possible to filling gap and bonding.

熱硬化 Thermosetting 発泡接着 Foaming & Bonding	180°C OK! 耐熱性 Heat resistance	200μmまで可能 Capable fill up to 200μm 隙間充填 Filling gap	エンジン周辺に For around engine 耐ATF性・耐冷熱サイクル ATF oil resistance & Heat shock cycle resistance
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製品構成：接着剤シート

Product composition: Adhesive sheet



加圧が出来ない隙間の接着に最適!
Suitable for bonding between gap disable to apply pressure

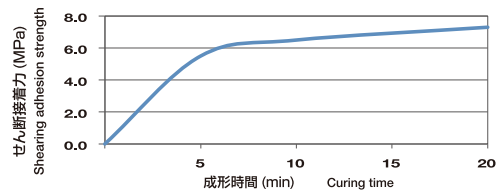


発泡後 225μm
発泡倍率 4.5 倍
225μm after foaming
4.5 times of Foaming ratio

特性例

Properties

	処理条件 Condition	SAFB50
接着剤厚(μm) Adhesive thickness	成形前 Before foaming	50
発泡開始温度(°C) Foaming start temperature	-	140
最大発泡温度(°C) Max. forming temperature	-	150
発泡倍率(倍) Foaming ratio(times)	150°C/10min	4.5



成型温度：155°C、成型時間：TP150°C到達後の経過時間
被着体：SPCC-SD L3020 処理 1.6mmt、クリアランス 125μm
Curing temperature: 155 degree C, Curing time: Treat time after TP temp. achieve 150 degree C.
Adherent: SPCC-SD L3020 treat, 1.6mm thic, Clearance: 125μm

複合体

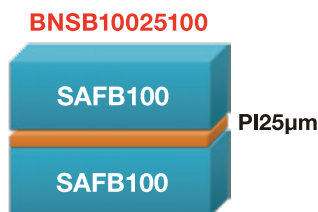
Composite forms

ニッカン複合技術により新しい付加価値を創造

Create new value by NIKKAN's composite technology

① 広いクリアランス対応

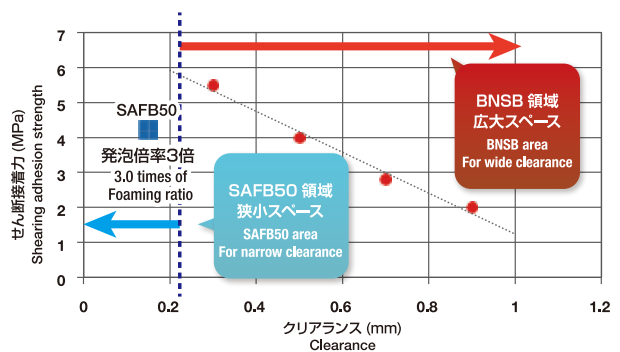
Possible to fill the wide clearance



発泡前 225μm
225μm before foaming

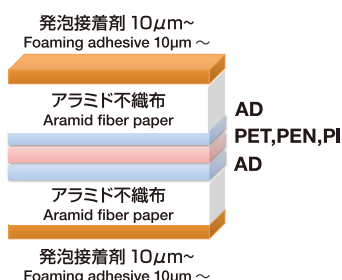
加熱・発泡
Foaming by heat

発泡後 925μm
発泡倍率 4.5 倍
925μm after foaming
4.5 times of Foaming ratio



② 固着&絶縁

Adhesion and insulation



① ワンレス化へ貢献

Possible contribution to the varnish-less

絶縁紙表面に発泡性接着剤
▶ 絶縁紙で固着が可能。

Foaming adhesive layer on insulation paper surface
▶ Can be bonded by insulation paper

② 自動ラインへの対応

Corresponding to the automatic line

接着剤タックフリー

▶ セパレーターが不要

▶ 挿入性悪化の懸念低

Tack-free adhesive

▶ Separator less

▶ Insertion resistance is not deteriorated

③ 均一充填・接着可能

Can be uniformly filled & adhesive

均一発泡性

▶ 発泡構造が独立気泡体であるため発泡性が均一。

Foaming uniformity

▶ Uniformly foaming by independent foam structure

④ 従来絶縁紙と同等の信頼性

Same reliability as the normal insulation paper

コア絶縁紙は複合品

▶ 機械強度・絶縁性はコア同等

▶ コアの厚み変更で厚み調整可

Laminated insulation paper core

▶ Mechanical strength and insulation is equivalent to the core insulation paper

▶ The total thickness can be adjusted by the thickness of the insulation paper