

高柔軟性バリアシール材 ノフタック®シリーズ

Highly flexible barrier sealant NOFTAC® series

特長 Features

- バリア性（低透湿性）と柔軟性の相反する性能を両立した硬化膜を形成可能
Achieves the contradictory properties of barrier properties (low moisture permeability) and flexibility
- 各種基材に対する優れた密着力
Excellent adhesion to various substrates
- 高温高湿条件下での高い耐久性
High durability under high temperature and humidity conditions
- 溶剤レスで乾燥工程不要
No drying process required as it is solvent-free

ラインナップ・特性表 Lineup and property Table

Item	Measurement conditions	UV curing	UV + Heat curing	
		FB-101	FB-201	FB-301
Recommended curing condition	UV condition (i-line conversion)	> 500mJ/cm ²		
	Heat condition	—	120℃ × 30min	100℃ × 60min
Viscosity (Pa・s) ¹⁾	25℃, 1rpm	3	300	200
TI value ¹⁾	25℃, 1rpm/10rpm	1	3	4
WVTR (g/m ² ・24h) ²⁾	Cup method, 40℃90%RH, 100μm	60	110	9
Transparency (%)	Haze, 30μm	< 0.1	1.0	25
Elongation (%)	Tensile test	80	300	10
Flexibility	Mandrel test , 50μm	< 2mmΦ	< 2mmΦ	5mmΦ
Adhesive strength ³⁾	Initial	○	◎	◎
	85℃/85%RH After 500 hours	○	◎	◎
Features		No heat prosesess Low viscosity Very high transparency	High viscosity (High TI) High transparency High flexibility	High viscosity (High TI) High barrier

1) Viscosity and TI values can be customized upon request. 2) Water Vapor Transmission Rate
3) PET film, ◎: 10 N/10 mm or more, ○: 2 N/10 mm or more

適用例 Examples of application

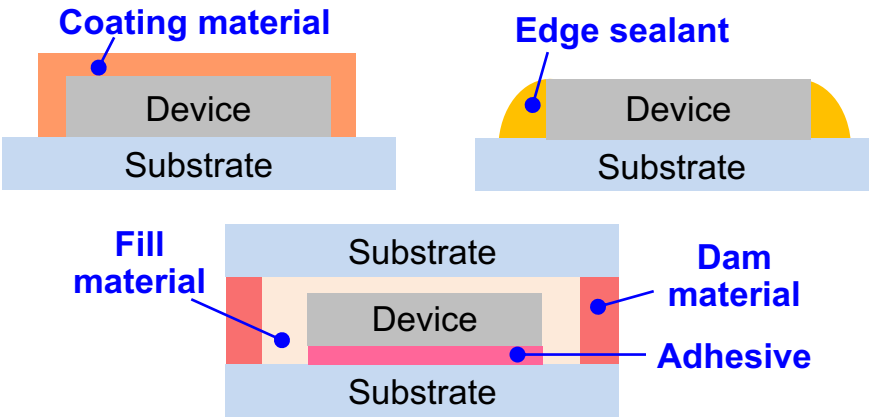
デバイス・材料の保護や封止、接着

Protection and sealing of devices and materials,
Adhesion of parts, components and substrates

Application	FB-101	FB-201	FB-301
Coating material	◎	○	○
Edge sealant	◎	○	○
Fill material	◎	○	△
Dam material	○	◎	◎
Adhesive	◎	◎	◎

◎: Recommendation ○: Applicable △: Not suitable

【Examples of application】



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