

Filter-bond™ E-3264

Thermoset, Unspecified

Hapco Inc.

Message:

Filter-bond is a series of casting and potting compounds ideally suited for medical and food contact applications. This Filter-bond E-SERIES is manufactured to ultra-high quality standards and has been used by customers to pass biocompatibility requirements.

FILTER-bond E-3264 is a liquid, two component, flexible, extremely tough adhesive potting and sealing compound. FILTER-bond E-3264 has a long working life and is good in aqueous environments.

General Information			
Features	Food Contact Acceptable		
	Good Adhesion		
	Good Flexibility		
	Good Toughness		
	Low to No Water Absorption		
Uses	Bonding		
	Filtration Media		
	Medical/Healthcare Applications		
	Non-specific Food Applications		
	Sealants		
	Seals		
Appearance	Translucent		
	White		
Forms	Liquid		
Processing Method	Casting		
	Encapsulating		
	Potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm ³	ASTM D4669
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D2566
Weight - per cubic inch	16	g	
Gel Time ¹ (25°C)	3.0	hr	ASTM D2971
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	53		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	< 2070	MPa	ASTM D638
Tensile Strength (Yield)	1.38	MPa	ASTM D638

Tensile Elongation (Break)	550	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ²	5.78	kN/m	ASTM D624
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Part A	Mix Ratio by Weight: 100, Mix Ratio by Volume: 100		
Part B	Mix Ratio by Weight: 360, Mix Ratio by Volume: 300		
Thermoset Mix Viscosity (25°C)	9600	cP	ASTM D4878
Demold Time (21°C)	2900 to 4300	min	
NOTE			
1.	100 g		
2.	Die C		

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