

Techsil® RTV10533

Silicone Rubber, RTV-1

Techsil Limited

Message:

TECHSIL RTV10533 one-component, ready-to-use, adhesive/sealant is a flowable consistency product specially developed for applications where high strength is required. On exposure to atmospheric moisture at room temperature this product cures to a very tough, durable, resilient silicone rubber. TECHSIL RTV10533 utilizes an acetoxycure system, releasing small amounts of acetic acid vapours from the sealant during cure.

Key Performance Properties:

One-component, no mixing, easy-to-use

Flowable

Room temperature condensation cure

Very high strength

High and low temperature resistance (-60°C to +200°C)

Excellent adhesion to silicone rubbers

Applications:

Bonding silicone HCR gaskets together

Seam sealer

Bonding silicone coated fabric.

General Information		
Features	High strength	
	Good liquidity	
	Good adhesion	
	Low temperature resistance	
	Heat resistance, high	
	Durability	
	Good toughness	
	Room temperature vulcanization	
	Elastic	
Uses	Sealant	
	Bonding	
	Adhesive	
Appearance	Translucent	
Physical	Nominal Value	Unit
Density	1.10	g/cm ³
Uncured Properties	Nominal Value	Unit
Viscosity (23°C)	180	Pa · s
Tack Free Time	10	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	33	
Tensile Strength	7.50	MPa
Tensile Elongation at Break	750	%

Tear Strength	15.0	kN/m
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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

