

# Shin-Etsu Elastomer SV-13500U

Silicone Rubber, HTV

Shin-Etsu Silicones of America

Message:

SV-13500U is one of a series of easy processing, general purpose silicone rubber bases. It can be used in a variety of applications requiring finishing by molding, extruding or calendaring.

This product can be blended with other Shin-Etsu general purpose or no post cure bases for intermediate properties. The choice between these bases will depend on specific requirements. This product can also be extended with extending fillers.

Typical Applications

Roll covers.

Diaphragms.

General Information		
Features	Workability, good	
	General	
Uses	Diaphragm	
	General	
Processing Method	Extrusion	
	Calendering	
	Injection molding	
Physical	Nominal Value	Unit
Specific Gravity	1.12	g/cm <sup>3</sup>
Hardness	Nominal Value	Unit
Durometer Hardness	36	
Elastomers	Nominal Value	Unit
Tensile Stress (100% Strain)	0.614	MPa
Tensile Strength	10.3	MPa
Tensile Elongation (Break)	890	%
Tear Strength <sup>1</sup>	26.3	kN/m
Compression Set (177°C, 22 hr)	24	%
Thermoset	Nominal Value	Unit
Post Cure Time (200°C)	4.0	hr
Additional Information	Nominal Value	Unit
Cure Agent	DBPH	
Press / Post Cure: Press		
Uncured Properties	Nominal Value	Unit
Curing Time	0.17	hr
NOTE		
1.	B mould	

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