



## SV-18000U

Shin-Etsu Silicones of America, Inc.  
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### Product Description

"SV-18000U is one of a series of easy processing, mineral filled silicone rubber bases. It can be used in a variety of applications requiring finishing by molding, extruding or calendering."

### Product Features

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

### Typical Applications

- Roll covers.
- Diaphragms.
- O-rings and gaskets.

### Typical Properties

Type of HCR	General Purpose
Cure Agent	DBPH Paste (33%)
Durometer	80
Tensile Strength (psi)	1204
Elongation (%)	215
100% Modulus	789
Specific Gravity	1.31
Tear Die B (ppi)	123
Compression Set (%)	15
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	177
Comp. Set Temp. (°F)	350.6
Press Cure/Post Cure	Press
Cure Time (minutes)	10
Cure Temp. (°C)	177
Cure Temp. (°F)	350.6
Ratio of Catalyst to Material	1.2 : 100

*Note: Values are not for specification purposes.*

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