



## KE-5551U

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

"Shin-Etsu KE-5551 U is a nominal 50 durometer base which offers high tensile and tear strengths. Its excellent processing characteristics make it suitable for molding, extrusion and calendaring"

### Product Features

- Minimum tear strength 168 ppi.
- Translucent.
- Easily pigmented.

### Typical Applications

- Gaskets.
- Diaphragms.
- Hose Stock.
- Vacuum Blankets.

### Typical Properties

Type of HCR	High Strength
Cure Agent	DCBP
Cure Agent B	DBPH
Durometer	50
CA_B_duro	50
Tensile Strength (psi)	1620
CA_B_tens	1550
Elongation (%)	890
CA_B_elong	900
Specific Gravity	1.17
CA_B_grav	1.17
Tear Die B (ppi)	207
CA_B_tear	218
Compression Set (%)	46
CA_B_comp	31
Comp. Set Time (hours)	22
Comp. Set Temp. (°C)	177
Comp. Set Temp. (°F)	350.6
Press Cure/Post Cure	Press

*Note: Values are not for specification purposes.*

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