

Introducing Sil-X-Shin™ Silicone Elastomers

Shin-Etsu Silicones of America (SESA) is pleased to announce the launch of their newest *Methyl-Vinyl Silicone HCR product line – Sil-X-Shin™ Silicone Elastomers* – specifically engineered for extruded tubing and profiles.

The platinum, addition-cure series has a wide selection of Shore A Hardness from 40 – 80 and comes in a convenient 10:1 ratio of base compound to catalyst. What's most unique about the product line is that one universal catalyst can be used with each base; the choice is yours. This versatility translates into reduced working capital and material logistics costs of stocking multiple products.

Biocompatible and being tested for compliance with USP Class VI regulations, Sil-X-Shin's platinum, addition-cure chemistry results in a tight surface cure with little or no residual by-products. Sil-X-Shin Silicones platinum, addition-cure chemistry produces a tight surface finish with few residual by-products. The series of elastomers is designed for use in Healthcare, Beverage, and Architectural Glazing applications.

Sil-X-Shin Silicone Elastomers are manufactured in ISO 9001 facilities at SESA's USA headquarters in Akron, Ohio. Products are available for sale in 1100lb kits. Samples can be ordered from Shin-Etsu Silicones in 110lb kits.

For more detailed information on Sil-X-Shin™ Silicone Elastomers email: sil-x-shin@shinetsusilicones.com or visit our web site at www.shinetsusilicones.com.




Methyl - Vinyl Extrusion Series

	SV-44020U	SV-45020U	SV-46020U	SV-47020U	SV-48020U
	No Post Cure				
Specific Gravity	1.089	1.105	1.13	1.158	1.194
Hardness Shore A	45	52	59	69	77
Tensile	1077	1009	1285	1297	1503
Elongation	495	398	423	350	334
Tear Die B	89	103	115	125	119
	Post Cured 2 hours at 177°C				
Specific Gravity	1.093	1.112	1.136	1.163	1.199
Hardness Shore A	50	56	64	72	81
Tensile	1077	1230	1344	1361	1389
Elongation	392	397	359	298	260
Tear, Die B	88	114	118	118	106

Note: All bases are catalyzed 10:1 with CAT-40002 catalyst compound.

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Shin-Etsu Silicones of America (SESA) is pleased to announce the launch of their newest *Phenyl Silicone HCR product line* – **Sil-X-Shin™ Silicone Elastomers** – specifically engineered for extruded tubing and profiles.

The platinum, addition-cure series has a wide selection of Shore A Hardness from 40 – 80 and comes in a convenient 10:1 ratio of base compound to catalyst. What's most unique about the product line is that one universal catalyst can be used with each base; the choice is yours. This versatility translates into reduced working capital and material logistics costs of stocking multiple products.

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Phenyl Extrusion Series					
	SP-54030U	SP-55030U	SP-56030U	SP-57030U	SP-58030U
	Post Cured 4 Hours @ 200°C				
Specific Gravity	1.155	1.161	1.165	1.17	1.201
Hardness Shore A	40	50	60	70	80
Tensile	1340	1250	1110	1000	830
Modulus 100%	230	270	300	430	330
Elongation	610	550	490	430	330
Tear Die B	280	230	175	125	119
Compression Set	12	12	11	11	11

Note: All bases are catalyzed 10:1 with CAT-40002 catalyst compound.