

## RTV One Part Portfolio

Non Flowable	Flowable
<b>Cure Byproduct: Acetoxy</b>	
RTV10x	RTV11x
RTV106	RTV116
RTV157	
RTV159	
RTV1473 Oil Resistant	
FRV1106 Fuel Resistant	
IS80x	
<b>Cure Byproduct: Methoxy</b>	
IS902-Paintable	RTV1673
RTV58xx	RTV12x/RTV670x

← Not Recommended For Electronics Applications →

Non Flowable	Flowable
<b>Cure Byproduct: Alkoxy</b>	
RTV162	RTV160
RTV167	SCM3404
RTV524x	TSE397/TSE399
TSE392	Addition Cure
RTV522x	TSE3051/3053
RTV142	ECC4865
RTV133	TSE32xx
IS52x	TSE326
TSE394x	TSE328x
XE11-B5320	SilCool* LTR329x

← Neutral Cure Chemistries →

## RTV Two Part Portfolio

Standard	Extreme Temp
<b>Condensation Cure</b>	
RTV11	RTV31
RTV112	RTV88
RTV21	RTV560
RTV41	RTV511/577
RTV8xxx	RTV566
TSE3664	RTV60
RTV210/213/223	RTV567
<b>Catalyst</b>	
STO	RTV98xx
DBT	RTV99xx

Standard	Specialty
<b>Addition Cure</b>	
RTV630	RTV615
RTV6108	RTV627
TSE3033	RTV655/656
TSE3067	LVG342
RTV61x6	TSE3380
<b>Fabric</b>	XE14-xxxxxx
SLExxxx	TSE3331
<b>Foam</b>	RTV6428
RTF762	TSE308x
RTF8510	TSE3051FR
D1 RTF7000-3 pt	

### Product Key:

Mil Spec	High Strength	Fast Cure	Thermal
Fuel / Oil Resistant	High Heat	Low Volatile	Flame Retardant
Gel	FDA / NSF	General Purpose	Self Bonding
	Low Temperature	Optically Clear	



# GE Advanced Materials, Silicones

## Mold Making Products

### Typical Values

Addition Cure	Color	Viscosity, mixed (cps)	Specific Gravity Base / Catalyst	Pot Life (min)	Shore A 36 hrs	Tensile (psi)	Elongation %	Tear (ppi)
RTV662	Blue	120,000	1.28 / 1.05	300	68	1015	235	136
RTV664	Blue	120,000	1.28 / 1.05	180	62	933	245	122
RTV668	Blue	120,000	1.28 / 1.05	150	62	1041	240	100
RTV866	Green	42,000	1.21 / 1.00	150	50	1100	190	69
RTV868-D1	Blue	110,000	1.28 / 1.05	180	60	800	200	100
Condensation Cure	Color	Viscosity (cps)	Specific Gravity Base / Catalyst / Mixed	Pot Life (min)	Shore A 36 hrs	Tensile (psi)	Elongation %	Tear (ppi)
RTV400T	Trans	35,000	1.1 / 0.87	180	14	555	580	100
RTV4020 3 Catalysts	Pink/ Beige	18,000/ 22,000	1.26 / 0.97	60/15	10 - 18	400 - 450	350 - 600	110/120
RTV421	Pink	29,000	1.29 / 0.97 / 1.25	90	18	480	430	120
RTV426 1 Cat/3 ratios	Green	37,000- 32,000	1.10 / 1.05 / 1.11	258 - 76	(96 hrs) 22 - 31	447 - 546	321 - 257	114 - 137
RTV430 2 Catalysts	Pink / Light Blue	47,000	1.08 / 1.22 / 1.08 1.07 / 0.95 / 1.06	180/90	30	450/600	300/360	130/120
RTV7888-10 3 Catalysts	Pink / White	18,000/ 23,000	1.25 / 0.97 / 1.22 1.25 / 0.95 / 1.24 1.25 / 0.98 / 1.22	90/15	12/8	400/350	450	110/100
RTV7888-20 3 Catalysts	Pink / White	30,000/ 40,000	1.25 / 0.97 / 1.22 1.25 / 0.94 / 1.24 1.25 / 0.98 / 1.22	90/15	20/14	500/400	350/400	130/115

## Silicone Liquid Elastomers (SLE) Product Overview

### All Platinum Based, Addition Cure

Physical Property	SLE5100-D1	SLES300	SLE5401	S1E5500	SLE5600	SLE5700-D1	SLE7000	SLE8000
Color	Clear	White	Translucent	White	Beige	Clear	Translucent	Clear
Blend Ratio	10:1	10:1	1:1	10:1	1:1	1:1	1:01	1:1
Viscosity, cps	60,000	22,500	25,000	79,000	122,500	20,000	200,000	320,000
Shore A	40	37	48	27	58	40	34	40
Elongation, %	300	185	200	280	320	200	375	450
Tensile, psi	600	200	800	190	875	600	550	750
Specific Gravity	1.02	1.16	1.01	1.27	1.01	1.01	1.06	1.08
Work Life, hrs	48	48	8	48	48	48	8	24

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