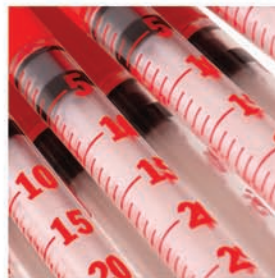
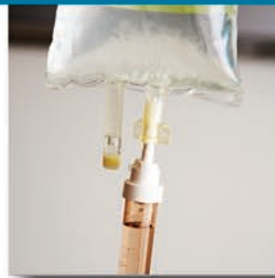
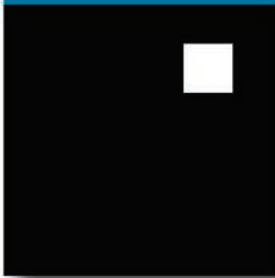




SILICONE  
TECHNOLOGY

Creative Partners in a Material World

## Restricted Healthcare Materials Selection Guide



NuSil Technology's restricted materials may be considered for use in short-term implant applications (29 days or less) or for external applications. It is the responsibility of the device manufacturer to determine the safety and efficacy of the device and the materials used in that device.

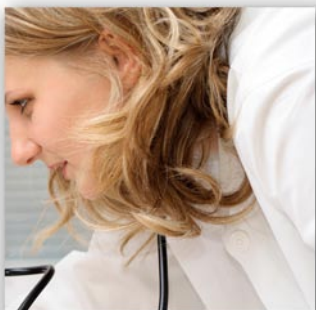
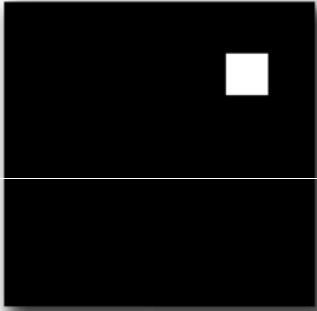
## Biological Data

The following table lists the biological testing conducted on most materials found in this selection guide. These materials meet or exceed all USP Class VI and many ISO-10993 test requirements.

Standard FDA Class	Test
Cytotoxicity	Cytotoxicity testing using the ISO Elution Method in the L-929 Mouse Fibroblast Cell Line
Hemolysis	In Vitro Hemolysis Study (Extraction Method)
Systemic Extracts	USP Systemic Toxicity Study in the Mouse (Extracts)
Intracutaneous Extracts	Acute Intracutaneous Reactivity Study in the Rabbit (Extracts)
Implantation One Week	USP Muscle Implantation Study in the Rabbit (Extracts)
Salmonella Mutagen	Ames Salmonella / Mammalian Microsome Mutagenicity Assay
Rabbit Pyrogen	Rabbit Pyrogen Study – Material Mediated
Sensitization	Delayed Contact Sensitization Study (A Maximization Method) in the Guinea Pig (Saline Extract)

## Warranty Statement

NuSil Technology's warranty period is product-specific and is provided on the Product Profile and Material Certification. The warranty period begins on the date of shipment when stored below 40° C in original unopened containers. Unless NuSil Technology provides you with a specific written warranty of fitness for a particular use, NuSil Technology's sole warranty is that the product will meet our current specification.



## Improving Adhesion:

NuSil Technology specializes in helping our customers solve complex problems related to processing and adhesion. In general, silicones adhere quite well to substrates such as ceramics, glass, metals, urethanes, and other silicones. Substrates with low surface energy, such as plastics, are difficult to bond with silicone adhesives. Modification of the surface of the substrate allows the adhesive to spread well, allowing both chemical and mechanical interactions. Many substrates need to have the surface “activated” to enhance the adhesive’s bond to the substrate. There are, in general, four typical techniques that can be used to improve the adhesive bond: primers, plasma, corona, and flame treatment. These surface treatments enhance the adhesive bond; however, the type of treatment is dependent on configuration complexity, silicone adhesive and substrates. Adhesion is a very complex subject that incorporates principles from several scientific disciplines. For more information on adhesion, please review our White Papers at [www.nusil.com/whitepapers](http://www.nusil.com/whitepapers).

## Inhibition:

NuSil Technology adhesives, gels, and elastomers are designed to provide optimal mechanical and physical properties. Some ingredients commonly found in certain adhesives, plastics, and elastomers adversely affect the cure in these products. NuSil recommends analyzing adhesives, plastics and elastomers for cure inhibition prior to selecting the silicone material for use. This evaluation includes materials used in any transfer containers, dispensing hoses, or utensils that come in direct contact with the silicone materials. Please visit our website to find listings of common silicone inhibitors at [www.nusil.com/whitepapers/resources](http://www.nusil.com/whitepapers/resources).

# RESTRICTED HEALTHCARE MATERIALS

Product Name	Cure System	Work Time @ 25° C Typical	Mix Ratio	Cure Time** / °C	Post Cure Time / °C	Durometer Type A		Tensile psi (MPa)		Elongation %		Tear ppi (kN/m)		Specific Gravity	Rheology*** Typical	Stress @ Strain psi (MPa) @ % Typical	Comments
						Certified	Typical	Certified	Typical	Certified	Typical	Certified	Typical				
<b>ADHESIVES</b> (extrusion rate)																	
<b>1 PART</b>																	
MED-1000	ACETOXY	< 10 m	1 PART	3D / R.T	-	20-40	25	650 (4.5)	1175 (8.1)	450	700	28 (4.9)	90 (15.8)	1.08	135 g/minute	120 (0.8) @ 100	SELF-LEVELING
MED-1011	ACETOXY	< 10 m	1 PART	3D / R.T	-	20-35	25	870 (6.0)	1400 (9.7)	450	800	52 (9.1)	100 (17.6)	1.12	100 g/minute	120 (0.8) @ 100	FLOWABLE
MED-1031	OXIME	< 25 m	1 PART	7D / R.T	-	25-40	35	400 (2.8)	1075 (7.4)	200	400	25 (4.4)	80 (14.1)	1.11	LOW FLOW	150 (1.0) @ 100	NO ACIDIC LEAVING GROUP
MED-1037	ACETOXY	< 8 m	1 PART	3D / R.T	-	20-40	25	275 (1.9)	625 (4.3)	200	550	-	-	1.07	180 g/minute	130 (0.9) @ 100	NON-SLUMP, THIXOTROPIC
MED-1356	NON-CURING	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	1,370 cP	-	PSA / ETHYL ACETATE
<b>2 PART</b> (viscosity, cP)																	
MED1-4013	PLATINUM	15 m	1:1	1 d / R.T.	-	12	20	550 (3.8)	1000 (6.9)	600	800	60 (10.5)	130 (23.0)	1.12	LOW FLOW	-	RTV, FAST CURE, HIGH EXTRUSION RATE
MED2-4013	PLATINUM	15 h	1:1	15 m / 150	-	12	15	550 (3.8)	1000 (6.9)	600	800	60 (10.5)	130 (23.0)	1.12	LOW FLOW	-	HTV, FAST CURE, HIGH EXTRUSION RATE
MED3-4013	PLATINUM	2 h	1:1	1 d / R.T.	-	12	20	550 (3.8)	1000 (6.9)	600	800	60 (10.5)	130 (23.0)	1.12	LOW FLOW	-	RTV, FAST CURE, HIGH EXTRUSION RATE
<b>PRIMERS</b> (viscosity, cP)																	
MED-160	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.77	1	-	GENERAL PURPOSE PRIMER
MED1-161	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.77	1	-	DESIGNED FOR USE WITH PLATINUM CURED SILICONES
MED2-161	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.77	1	-	DESIGNED FOR USE WITH PLATINUM CURE SILICONES
MED6-161	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.78	1	-	FORMULATED FOR USE ON INHIBITING SURFACES
MED-162	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.80	1	-	FORMULATED FOR POLYCARBONATE SUBSTRATES
MED-163	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.78	1	-	INCREASED ADHESION TO INHIBITING SURFACES
MED-164	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.78	1	-	DESIGNED FOR USE WITH CONDENSATION CURED SILICONES
MED-165	HYDROLYSIS	N/A	1 PART	30 m / R.T.	-	-	-	-	-	-	-	-	-	0.77	1	-	DESIGNED FOR USE WITH PLATINUM CURE SILICONES
<b>HIGH CONSISTENCY ELASTOMERS</b> (plasticity, mils)																	
<b>1 PART STANDARD</b>																	
MED-4174	PEROXIDE	N/A	1 PART	5 m / 116	4 h / 205	45-55	50	1000 (6.9)	1200 (8.3)	550	775	175 (30.7)	225 (39.7)	1.15	105	325 (2.2) @ 200	UNCATALYZED
MED4-4115	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 249	45-55	50	1000 (6.9)	1500 (10.3)	360	450	45 (7.9)	100 (17.6)	1.15	90	450 (3.1) @ 200	PD50-S PRECATALYZED
MED4-4116	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 249	65-75	70	900 (6.2)	1350 (9.3)	250	375	-	125 (22.0)	1.21	130	675 (4.7) @ 200	PD50-S PRECATALYZED
MED-4120	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 177	20-30	25	900 (6.2)	1350 (9.3)	750	950	80 (14.1)	140 (24.7)	1.10	65	110 (0.8) @ 200	UNCATALYZED
MED-4128	PEROXIDE	N/A	1 PART	10 m / 116	2 h / 200	20-30	25	800 (5.5)	1075 (7.4)	700	825	40 (7.0)	75 (13.2)	1.11	71	90 (0.6) @ 200	LOW TENSION SET, UNCATALYZED
MED-4135	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 177	30-40	35	800 (5.5)	1250 (8.6)	700	800	90 (15.8)	110 (19.4)	1.10	70	185 (1.3) @ 200	UNCATALYZED
MED-4150	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 177	45-55	50	1000 (6.9)	1450 (10.0)	500	700	120 (21.0)	180 (31.7)	1.16	100	300 (2.1) @ 200	UNCATALYZED
MED-4165	PEROXIDE	N/A	1 PART	5 m / 116	2 h / 177	60-70	65	900 (6.2)	1200 (8.3)	450	500	150 (26.3)	200 (35.3)	1.21	115	450 (3.1) @ 200	UNCATALYZED
<b>2 PART STANDARD</b>																	
MED-2045	PLATINUM	N/A	3 PART	10 m / 171	2 h / 148	35-45	40	1000 (6.9)	1500 (10.3)	550	775	100 (17.5)	200 (35.3)	1.13	98	200 (1.4) @ 200	MIX RATIO 100 (A):0.7 (B):0.16 (C)
MED-4014	PLATINUM	3 h	1:1	10 m / 116	OPTIONAL	8-18	14	300 (2.1)	675 (4.6)	1000	1450	60 (10.5)	140 (24.7)	1.09	60	35 (0.2) @ 200	LOW DUROMETER
MED-4020	PLATINUM	3 h	1:1	10 m / 116	OPTIONAL	19-27	25	1100 (7.6)	1400 (9.7)	1050	1200	140 (24.5)	180 (31.7)	1.10	65	80 (0.6) @ 200	HIGH TEAR
MED-4025	PLATINUM	1.5 h	1:1	10 m / 171	OPTIONAL	25-35	30	1100 (7.6)	1400 (9.7)	800	900	70 (12.3)	140 (24.7)	1.12	90	110 (0.9) @ 200	LOW TENSION SET
MED-4035	PLATINUM	2 h	1:1	10 m / 116	OPTIONAL	30-40	35	900 (6.2)	1500 (10.3)	800	1000	175 (30.6)	200 (35.3)	1.11	75	200 (1.4) @ 200	HIGH TEAR
MED-4050	PLATINUM	2 h	1:1	10 m / 116	OPTIONAL	45-55	50	1200 (8.3)	1450 (10.0)	750	1000	200 (35.0)	250 (44.1)	1.16	100	300 (2.1) @ 200	HIGH TEAR
MED-4065	PLATINUM	2.5 h	1:1	10 m / 116	OPTIONAL	60-70	65	700 (4.8)	1150 (7.9)	700	950	200 (35.0)	250 (44.1)	1.21	130	350 (2.4) @ 200	HIGH TEAR
MED-4080	PLATINUM	4.5 h	1:1	10 m / 116	OPTIONAL	73-83	80	750 (5.2)	1100 (7.6)	450	700	175 (30.6)	215 (37.9)	1.21	120	475 (3.3) @ 200	HIGH TEAR
<b>ULTRA HIGH PERFORMANCE</b>																	
MED-4055	PLATINUM	2.0 h	1:1	10 m / 138	4 h / 177	52-60	55	1100 (7.6)	1600 (11.0)	500	900	250 (44.0)	300 (52.5)	1.15	70	385 (2.7) @ 100	ULTRA HIGH TEAR
MED-4070	PLATINUM	2.0 h	1:1	10 m / 138	4 h / 177	65-75	70	1000 (6.9)	1300 (9.0)	500	700	250 (44.0)	285 (50.3)	1.19	110	600 (4.1) @ 100	ABRASION / FATIGUE RESISTANT
<b>LOW CONSISTENCY ELASTOMERS</b> (viscosity, cP)																	
MED-4011	PLATINUM	N/A	10:1	3 m / 150	1 h / 150	25-35	25	-	675 (4.7)	350	530	-	-	1.09	A:114,000 / B:1,600	-	FLOWABLE
MED-4044	PLATINUM	4 h	10:1	5 m / 177	1 h / 150	36-44	40	600 (4.1)	850 (5.9)	250	300	80 (14.1)	150 (26.5)	1.10	A:120,000 / B:270	480 (3.3) @ 200	FLOWABLE, MEDIUM DUROMETER
MED-4086	PLATINUM	8 h	1:1	45 m / 150	-	45-65	55 (000)	-	45 (0.28)	-	475	-	-	-	A:8,300 / B:4,400	8 (0.06) @ 200	ULTRA SOFT ELASTOMER
MED2-4220	PLATINUM	3 m	1:1	15 m / 150	-	-	20	-	550 (3.8)	-	550	-	-	1.07	A:20,000/B:16,500	100 (0.7) @ 200	LOW VISCOSITY, RAPID RTV CURE
MED4-4220	PLATINUM	25 m	1:1	15 m / 150	-	-	17	-	645 (4.4)	-	570	-	35 (6.2)	-	A:23,000 / B:18,000	-	LOW VISCOSITY
MED-4917	PLATINUM	14 h	1:1	30 m / 150	-	17 min	20	300 (2.0)	475 (3.3)	200	350	-	-	1.06	A:14,000/B:9,500	-	LOW VISCOSITY, LONG POT LIFE
MED-6010	PLATINUM	3.5 h	1:1	30 m / 150	-	40-60	45	700 (4.8)	800 (5.5)	90	130	25 (4.4)	30 (5.3)	1.05	A:18,000/B:12,000	-	1.43 R.I., OPTICALLY CLEAR
MED-6015	PLATINUM	4 h	10:1	15 m / 150	-	40 min	50	700 (4.8)	1300 (9.0)	80	100	-	-	1.03	A:6,000/B:90	-	1.41 R.I., OPTICALLY CLEAR, LOW VISCOSITY
MED-6019	PLATINUM	1.5 h	1:1	1 h / 40	1 h / 150	65 min	75	850 (5.8)	1100 (7.6)	-	100	-	50 (8.8)	1.07	A:33,000 / B:7,500	-	LOW VISCOSITY, HIGH DUROMETER
MED-6020	PLATINUM	4 h	1:1	30 m / 150	-	35-45	40	500 (3.5)	640 (4.4)	100	175	25 (4.4)	35 (6.2)	1.05	A:70,000/B:40,000	-	1.43 R.I., OPTICALLY CLEAR
MED-6033	PLATINUM	> 24 h	1:1	30 m / 150	-	40-60	50	600 (4.1)	750 (5.2)	150	305	70 (12.3)	80 (14.1)	1.03	A:75,000/B:50,000	-	1.41 R.I., OPTICALLY CLEAR, POURABLE
MED-6382	TIN-ALKOXY	10 m	100:0.5	24 h / R.T.	-	35-55	45	300 (2.1)	500 (3.4)	100	100	-	-	1.13	40,000	-	FAST CURE, OPAQUE
MED-6755	PLATINUM	2 h	1:1	30 m / 150	-	30 min	30	500 (3.5)	750 (5.2)	175	300	20 (3.5)	40 (7.1)	1.14	A:40,000/B:35,000	-	1.46 R.I., OPTICALLY CLEAR

m = minutes  
h = hours

d = days  
R.T.= room temperature

min = minimum

\*\* Test Specimen Cure Parameters  
for Certified Values

K = 1000  
R.I. = refractive index

g = grams  
cP = centipoise

\*\*\* Contact NuSil Technology for applicable test method

# RESTRICTED HEALTHCARE MATERIALS

Product Name	Cure System	Work Time @25° C Typical	Mix Ratio	Cure Time** / °C	Post Cure Time / °C	Durometer Type A		Tensile psi (MPa)		Elongation %		Tear ppi (kN/m)		Specific Gravity	Rheology*** Typical	Stress @ Strain psi (MPa) @ % Typical	Comments
						Certified	Typical	Certified	Typical	Certified	Typical	Certified	Typical				
<b>LIQUID SILICONE RUBBERS</b> (extrusion rate)																	
MED-4901	PLATINUM	13 h	1:1	5 m / 150	OPTIONAL	30-45 (00)	40 (00)	200 (1.4)	315 (2.2)	900	1075	50 (8.8)	60 (10.5)	1.09	160 g/minute	15 (0.1) @ 300	LOW DUROMETER LSR
MED-4905	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	4-8	7	350 (2.4)	525 (3.6)	1000	1100	50 (8.8)	60 (10.6)	1.07	65 g/minute	40 (0.3) @ 200	INJECTION MOLDING ELASTOMER
MED-4910	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	8-13	10	450 (3.1)	700 (4.8)	1000	1100	50 (8.8)	70 (12.3)	1.07	80 g/minute	35 (0.2) @ 200	INJECTION MOLDING ELASTOMER
MED-4915	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	13-18	15	750 (5.2)	975 (6.4)	700	925	90 (15.8)	125 (21.9)	1.10	75 g/minute	55 (0.4) @ 200	INJECTION MOLDING ELASTOMER
MED-4920	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	18-25	20	750 (5.2)	1000 (6.9)	700	900	90 (15.8)	125 (22.0)	1.13	35 g/minute	65 (0.5) @ 200	INJECTION MOLDING ELASTOMER
MED-4930	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	26-37	30	800 (5.5)	1350 (9.3)	450	750	120 (21.0)	150 (26.3)	1.13	75 g/minute	175 (1.2) @ 200	INJECTION MOLDING ELASTOMER
MED-4940	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	38-48	40	850 (5.9)	1100 (7.6)	350	550	130 (22.8)	250 (44.1)	1.12	200 g/minute	425 (2.9) @ 200	INJECTION MOLDING ELASTOMER
MED-4950	PLATINUM	24 h	1:1	5 m / 150	OPTIONAL	45-55	50	1000 (6.9)	1300 (9.0)	400	675	200 (35.0)	250 (44.1)	1.15	50 g/minute	400 (2.8) @ 200	INJECTION MOLDING ELASTOMER
MED-4960	PLATINUM	24 h	1:1	5 m / 165	OPTIONAL	55-65	60	1100 (7.6)	1300 (9.0)	400	525	230 (40.3)	260 (45.9)	1.16	35 g/minute	600 (4.1) @ 200	INJECTION MOLDING ELASTOMER
MED-4970	PLATINUM	24 h	1:1	5 m / 165	OPTIONAL	68-78	70	900 (6.2)	1250 (8.6)	250	300	125 (22.0)	185 (32.6)	1.16	40 g/minute	750 (5.2) @ 200	INJECTION MOLDING ELASTOMER
MED-4980	PLATINUM	24 h	1:1	5 m / 165	OPTIONAL	78-88	80	500 (3.5)	900 (6.2)	50	250	40 (7.0)	90 (15.9)	1.16	50 g/minute	650 (4.5) @ 100	INJECTION MOLDING ELASTOMER
<b>SPECIALTY LIQUID SILICONE RUBBERS</b>																	
MED50-5438	PLATINUM	10 h	1:1	30 m / 150	-	23 - 40	30	500 (3.5)	700 (4.8)	300	375	-	-	1.26	90 g/m	230 (1.6) @ 200	FLUROSILICONE
MED-4942	PLATINUM	24 h	1:1	10 m / 150	-	35 - 45	40	850 (5.9)	1000 (6.9)	350	425	130 (22.8)	250	1.17	200 g/m	525 (3.6) @ 200	INJECTION MOLDING ELASTOMER, RESISTS BLOCKING
MED1-4955	PLATINUM	24 h	1:1	5 m / 165	OPTIONAL	50 - 60	55	800 (5.5)	1100 (7.6)	250	450	125 (22.0)	225	1.15	150 g/m	-	INJECTION MOLDING ELASTOMER, SELF LUBRICATING
<b>DISPERSIONS</b> (viscosity, cP)																	
MED-2014	PLATINUM	N/A	1 PART	*1	-	31-45	35	1200 (8.3)	1800 (12.4)	700	800	100 (17.6)	185 (33.6)	1.10	3,500	150(1.0) @ 200	ONE PART, IN XYLENE
MED-4159	AMINE	N/A	1 PART	7 d / R.T.	-	-	-	-	-	-	-	-	-	0.85	170	-	LOW CROSSLINK DENSITY
MED10-4161	AMINE	N/A	1 PART	5 d / R.T.	-	10 - 40 (00)	25 (00)	-	-	-	-	-	-	0.87	140	-	AMINO FUNCTIONAL SILICONE COATING
MED-4162	NON-CURING	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	29,000	-	LUBRICIOUS COATING IN XYLENE
MED10-6400	PLATINUM	24 h	1:1	*2	-	20-35	30	950 (6.6)	1500 (10.3)	600	775	130 (22.8)	150 (26.3)	1.08	600	350 (2.4) @ 300	1.43 R.I. IN XYLENE
MED10-6600	PLATINUM	24 h	1:1	*2	-	15-50	25	700 (4.8)	1200 (8.3)	550	750	50 (8.8)	125 (22.0)	1.10	400	325 (2.2) @ 300	1.46 R.I. IN XYLENE
MED11-6604	ACETOXY	N/A	1 PART	1 d / R.T.	-	10-25	15	30 (0.2)	80 (5.5)	150	350	5 (0.88)	12 (2.1)	0.98	250	-	ONE PART, SMOOTH FINISH IN THF
MED10-6605	ACETOXY	N/A	1 PART	5 d / R.T.	-	20-30	25	1000 (6.9)	1425 (9.8)	550	950	50(8.8)	125 (22.0)	1.09	700	160 (1.1) @ 300	ONE PART, IN XYLENE
MED16-6606	ACETOXY	N/A	1 PART	3 d / R.T.	-	10-30	15	870 (6.0)	1100 (7.6)	450	950	52 (9.1)	130 (22.9)	1.11	90	95 (0.6) @ 100	ONE PART ADHESIVE, IN HEPTANE
MED10-6607	OXIME	N/A	1 PART	7 d / R.T.	-	35-45	40	600 (4.1)	1150 (7.9)	500	650	80(14.1)	95 (16.8)	1.11	6,500	-	ONE PART, IN NAPHTHA
MED10-6640	PLATINUM	24 h	1:1	*2	-	30-50	40	1500 (10.3)	1700 (11.7)	750	1000	240(42.0)	300(52.9)	1.12	4,000	155 (1.0) @ 100	ULTRA HIGH TEAR, IN XYLENE
<b>GELS</b> (viscosity, cP)																	
MED-6340	PLATINUM	45 m	1:1	30 m / 140	-	-	-	-	-	-	-	-	-	0.98	8,000	-	LOW PENETRATION, LOW TACK GEL
MED-6342	PLATINUM	10 h	1:1	45 m / 135	-	-	-	-	-	-	-	-	-	-	8,000	-	LOW PENETRATION, HIGH TACK GEL
MED-6345	PLATINUM	30 m	1:1	3 h / 60	-	-	-	-	-	-	-	-	-	0.97	12,000	-	MEDIUM PENETRATION, MEDIUM TACK GEL
MED-6350	PLATINUM	2 h	1:1	30 m / 100	-	-	-	-	-	-	-	-	-	-	22,000	-	LOW PENETRATION, MEDIUM TACK GEL
MED-6370	PLATINUM	6 h	1:1	90 m / 80	-	-	-	-	-	-	-	-	-	0.98	600	-	SOFT GEL
MED12-6381	CONDENSATION	N/A	97:2.5:0.5	30 m / 25	24 h / 25	65 (00)	75 (00)	45 (0.3)	70 (0.48)	-	125	-	-	0.98	10,000	-	FIRM RTV GEL
<b>FLUIDS &amp; GREASES</b> (viscosity, cP)																	
MED-361	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	0.97	100 - 100,000	-	DIMETHYL POLYMER
MED-400	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	350 - 100,000	-	FLUROSILICONE POLYMER
MED-420	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	100 - 100,000	-	METHYL FLUORO COPOLYMER (LOW FLUORO)
MED-460	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	350 - 100,000	-	METHYL FLUORO COPOLYMER (HIGH FLUORO)
MED-6731	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.22	2,000,000	-	HEAVY CONSISTENCY METHYL FLUORO GREASE
MED-9011	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.01	100,000	-	LOW CONSISTENCY GREASE
MED-9021	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.08	275,000	-	MEDIUM CONSISTENCY GREASE
MED-9031	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.10	900,000	-	HEAVY CONSISTENCY GREASE
<b>INKS &amp; MASTERBATCHES</b> (viscosity, cP)																	
MED-6608	OXIME	N/A	1 PART	7 d / R.T.	-	-	30	-	300 (2.1)	-	200	-	-	-	1,100	-	RTV INK AVAILABLE IN WHITE & BLACK
MED-6613-2	PLATINUM	N/A	1:1	5 m / 150	-	-	-	-	-	-	-	-	-	-	2,000	-	HEAT CURABLE BLACK INK
MED2-4900	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.57	-	-	LSR MASTERBATCH, 50% BaSO4
MED3-4900	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	1.54	-	-	LSR MASTERBATCH, 50% TiO2
MED4-4900	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	-	-	LSR FOAM MASTERBATCH
MED2-4102	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	2.31	-	-	HCR MASTERBATCH, 75% BaSO4
MED3-4102	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	2.27	-	-	HCR MASTERBATCH, 75% TiO2
MED-4900-X	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	-	-	LSR MASTERBATCH, VARIOUS COLORS
MED-4102-X	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	-	-	HCR MASTERBATCH, VARIOUS COLORS
MED50-4900-X	-	N/A	1 PART	-	-	-	-	-	-	-	-	-	-	-	-	-	TRANSLUCENT LSR MASTERBATCH, VARIOUS COLORS

m = minutes  
h = hours  
d = days  
R.T.= room temperature

\*1) 1 h/50°C + 1 h/150°C  
\*2) 30 m/25° C + 45 m/75° C + 135 m/150° C  
\*3) 480 m/25° C + 45 m/75° C + 135 m/150° C

\*\* Test Specimen Cure Parameters for Certified Values

R.T. = room temperature g = grams  
K = 1000  
R.I. = refractive index

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