



Liquid Gasketing Products - Q

Formed-In-Place Gaskets

Product	Type	Extrusion Rate grams/minute	Gap Fill	Cure Mechanism
5900	silicone	35	0.25"	Moisture, Oxime
5910	silicone	600	0.25"	Moisture, Oxime
5905	silicone	400	0.25"	Moisture, Oxime
5999	silicone	105	0.25"	Moisture, Oxime
5699	silicone	250	0.25"	Moisture, Oxime
5945	silicone	75	0.25"	Moisture, Oxime
5970	silicone	70	0.25"	Moisture, Alkoxy
5729	silicone	250	0.25"	Moisture, Enoxy
5810	polyacrylate	65	0.25"	Moisture, Alkoxy
509	anaerobic	65,000 cps @ 20 rpm	0.010"	Anaerobic
5182	anaerobic	140,000 cps @ 20 rpm	0.010"	Anaerobic
518	anaerobic	800,000 cps @ 20 rpm	0.010"	Anaerobic

Cured-In-Place Gaskets

Product	Type	Extrusion Rate grams/minute	Bead Aspect Ratio (height to width)	Cure Mechanism
5083	silicone	145	0.80-0.90	UV+moisture, acetoxo
5950	silicone	350	0.40-0.50	UV+moisture, acetoxo
5963	silicone	120	0.70-0.80	Heat (150C for 10 min)
5964	silicone	120	0.70-0.80	Heat (150C for 10 min)
5820	polyacrylate	140	0.70-0.80	UV only
5251	acrylic	75	0.70-0.80	UV only

Post Assembly Sealants

Product	Type	Extrusion Rate grams/minute	UV Only Cure Through Depth	Cure Mechanism
5088	silicone	65,000 cps @ 2.5 rpm	2.0mm	UV+moisture, alkoxy
5089	silicone	110,000 cps @ 2.5 rpm	2.0mm	UV+moisture, alkoxy
5252	polyether	80,000 cps @ 2.5 rpm	7.0mm	UV+moisture, alkoxy
5601	silicone	A:40,000cps, B:40,000cps	na	Condensation cure

Notes: This information is intended as a guide only. Please consult a Henkel Sales Engineer for
This data was derived using industry standard laboratory bench tests. Please consult a t

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Tensile/Elongation @ break	Durometer (shore A)	Typical Use / Characteristic
200 psi / 550%	35	Powertrain / high elongation, blow out resistance
200 psi / 550%	30	Powertrain / lower viscosity
270 psi / 300%	40	Powertrain / general purpose
500 psi / 175%	60	Powertrain / gear oil, ATF, coolant, blow out resistance
435 psi / 160%	55	Powertrain / lower viscosity
200 psi / 400%	30	Powertrain / slow skinning, long open time
290 psi / 270%	48	Powertrain / alkoxy
390 psi / 160%	60	Powertrain / alkoxy
160 psi / 200%	35	Powertrain / superior oil resistance, low foaming
na	na	Powertrain / rigid assemblies, flexible
na	na	Powertrain / rigid assemblies, deaired
na	na	Powertrain / rigid assemblies, general purpose

Tensile/Elongation @ break	Durometer (shore A)	Typical Use / Characteristic
450 psi / 170%	55	Auto components / high aspect ratio, adhesion
150 psi / 200%	30	Auto components / excellent knit line
650 psi / 400%	50	Auto components / good comp set resistance
635 psi / 530%	30	Auto components / low durometer, high elongation
600 psi / 300%	45	Powertrain / oil and compression set resistance
725 psi / 200%	60	Auto components / knit line, adhesion

Tensile/Elongation @ break	Durometer (shore A)	Typical Use / Characteristic
220 psi / 175%	30	Non-corrosive
350 psi / 175%	35	Non-corrosive, thixotropic viscosity, fluorescent
250 psi / 100%	45	Non-corrosive, fluorescent, non-silicone
175 psi / 350%	20	Two part, 2:1 by volume

· specification writing.

· Henkel Sales Engineer for specific test methods.