Liquid Gasketing Products - Quick Reference Selector Guide

Formed-In-Place Gaskets

Product	Type	Extrusion Rate grams/minute	Gap Fill	Cure Mechanism	Tensile/Elongation @ break	Durometer (shore A)	Typical Use / Characteristic
5900	silicone	35	0.25"	Moisture, Oxime	200 psi / 550%	35	Powertrain / high elongation, blow out resistance
5904	silicone	70	0.25"	Moisture, Oxime	330 psi / 450%	40	Improved performance of 5900
5910	silicone	500	0.25"	Moisture, Oxime	200 psi / 550%	30	Powertrain / lower viscosity
5915	silicone	250	0.25"	Moisture, Oxime	300 psi / 575%	40	Improved foaming resistant 5910
5999	silicone	105	0.25"	Moisture, Oxime	500 psi / 175%	60	Powertrain / gear oil, ATF, coolant, blow out resistance
5699	silicone	250	0.25"	Moisture, Oxime	435 psi / 160%	55	Powertrain / lower viscosity
5945	silicone	75	0.25"	Moisture, Oxime	200 psi / 400%	30	Powertrain / slow skinning, long open time
5970	silicone	70	0.25"	Moisture, Alkoxy	290 psi / 270%	50	Powertrain / alkoxy
5810A	polyacrylate	45	0.25"	Moisture, Alkoxy	145 psi / 200%	30	Powertrain / superior oil resistance, low foaming, permeation resistant
5810F	polyacrylate	45	0.25"	Moisture, Alkoxy	145 psi / 200%	30	Fluorescent version of 5810A
509	anaerobic	65,000 cps @ 20 rpm	0.010"	Anaerobic	na	na	Powertrain / rigid assemblies, flexible
5182	anaerobic	140,000 cps @ 20 rpm	0.010"	Anaerobic	na	na	Powertrain / rigid assemblies, deairated
518	anaerobic	800,000 cps @ 20 rpm	0.010"	Anaerobic	na	na	Powertrain / rigid assemblies, general purpose
5188	anaerobic	23,000 cps @ 20 rpm	0.010"	Anaerobic	na	na	Powertrain / high elongation

Cured-In-Place Gaskets

Product	Type	Extrusion Rate grams/minute	Bead Aspect Ratio (height to width)	Cure Mechanism	Tensile/Elongation @ break	Durometer (shore A)	Typical Use / Characteristic
5033	silicone	145	0.80-0.90	UV+moisture, acetoxy	450 psi / 170%	55	Auto components / high aspect ratio, adhesion
5038	silicone	375	0.70-0.80	UV+moisture, acetoxy	220 psi / 175%	35	Improved humidty resistant 5039
5039	silicone	250	0.70-0.80	UV+moisture, acetoxy	200 psi / 200%	35	Auto components / visible light cure, fluorescent
5964	silicone	120	0.70-0.80	Heat (150C for 10 min)	635 psi / 530%	30	Auto components / high elongation, good compression set resistance
5251	acrylic	75	0.70-0.80	UV only	725 psi / 200%	60	Auto components / knit line, adhesion
5251A	acrylic	na	0.80+	UV only	200 psi / 300%	15	Auto components / low durometer

Notes: This information is intended as a guide only. Please consult a Henkel Sales Engineer for specification writing.

This data was derived using industry standard laboratory bench tests. Please consult a Henkel Sales Engineer for specific test methods.

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