

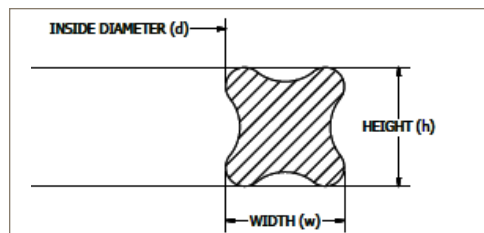
X-Rings

Engineered Solutions
Issue 23



Market Focus:

As a further enhancement to our aerospace and military product offering, Parker Engineered Seals Division is now supplying X-Rings in accordance with AS-568 sizes using our extensive list of aerospace and military approved compounds. We are eager to serve your aerospace and military needs utilizing the compounds and sizes listed in the supplied tables.



X-Ring Size (AS-568)	Cross Section Width (W)	
	004 - 050	1/16"
102 - 178	3/32"	0.103" ± 0.003"
201 - 284	1/8"	0.139" ± 0.004"
309 - 395	3/16"	0.210" ± 0.005"
425 - 475	1/4"	0.275" ± 0.006"
Special	3/8"	0.375" ± 0.007"

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Polymer	Specification	Type	Class	Compound	Color	Temperature	Applications
Fluorosilicone (FVMQ)	MIL-DTL-25988	II	1	L1223-60	Blue	-100°F to +350°F	Petroleum Oils, Gasoline, Dry Heat, Temperature Extremes, Environmental Seals, Air
				LM256-70		-100°F to +350°F	
				L1218-80		-90°F to +350°F	
Fluorocarbon (FKM)	AMS 7276 QPL	-		V1226-75	Brown	-20°F to +400°F	Petroleum Oils, Silicone Fluids, Acids (Black Rubber only), Aromatic Solvents, Halogenated Hydrocarbons, Air
	AMS 7379 QPL			V1289-75		-50°F to +400°F	
	AMS 7279 QPL			Black	-20°F to +400°F		
	AMS 3216					VM100-75	
	AMS-R-83485					VM128-75	
	AMS 7259 QPL					V0709-90	
	AMS 3218						
FFKM	AMS 7257 QPL	-		FF200-75	Black	+5°F to +605°F	Low Compression Set
Silicone (VMQ)	AMS 3303	-		S0613-60	Rust	-60°F to +450°F	Wide Temperature Range, Low Closure Force Applications
	AMS 3304			S1224-70		-65°F to +450°F	
	AMS 3357			SM201-40	-65°F to +400°F		
	A-A-59588	SM265-70	-60°F to +400°F				
Butyl (IIR)	Custom	-		B0612-70	Black	-75°F to +250°F	Low Permeation & Long Shelf Life Applications, Skydrol Resistance
Nitrile (NBR)	MIL-P-25732	-		NM304-75	Black	-65°F to +275°F	Petroleum Oils, MIL Hydraulics Fluids, Environmental Seals, General Purpose, Silicone Fluids
	AMS 7271 QPL			NM506-65		-70°F to +180°F	

Certifications:

Parker Engineered Seals Division in Syracuse, IN maintains conformance to AS 9100 (Aerospace Standard) – Revision C and ISO 9001:2008 as a Qualified Manufacturer Listing (QML). This plant is one of only 13 QML facilities in the world. ESD is also Nadcap certified to AC 7115 and continues to submit materials for inclusion on the QPL.

Market Team: Parker ESD has a dedicated cross functional team to supply your needs for custom molded elastomeric parts. Our team includes a market manager, chemical engineer, design engineer, process engineer, tooling engineer, and quality engineer, ready to serve your needs.

Contact Parker Engineered Seals Division and ask for the Aero./Mil. market manager to review your application and see what opportunities are waiting to be discovered!

ENGINEERING YOUR SUCCESS.