Engineering
Quality
Supply Chain
Assembly
Aftermarket & Production Kitting
Vendor Managed Inventory

UL ELASTOMERSFor Fuel Handling

Custom Molded Rubber
O-Rings
Fabric Reinforced Diaphragms
Rubber-To-Metal / Plastic

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UL 157 "Gaskets & Seals" Recognitions

Code	End-Use Application
Α	Extinguishing agents
В	Gasoline
С	Gasoline / Alcohol blends up to 15% alcohol
D	Naptha or kerosene
E	MPS gas
F	Manufactured gas or natural gas
G	Diesel fuel, fuel oil or lubricating oil
Н	Heated fuel oil
- 1	Anhydrous ammonia
J	Liquefied petroleum gas (LP-gas)
K	Dry-cleaning agents
L	Laundry detergents
М	Dishwashing detergents
N	Atmospheric ozone
0	Generated ozone
(c)	Complementary Recognized under HMYY2. MH26295



UL RECOGNIZED MATERIALS

Engineered Seal Products offers a wide variety of UL recognized rubber compounds to meet the critical demands and varying applications within the fuel handling market.

Whether our own, or solutions from our supplier partners, we have the expertise to match the standards for hose, nozzle, valves and power-operated dispensing devices for petroleum products.

Seal Standards Within The UL Retail Fuel Handling Industry



Underwriter Laboratories

UL stands for Underwriter Laboratories, a third-party certification company that's been around for over a century. They certify products with the aim to make the world a safer place for both workers and consumers. Besides testing, they set industry standards to follow when innovating new products.

Regulatory & Standards Compliance

UL2586 - Standard for Hose Nozzle Valves

- UL2586A for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 E85)
- **UL2586B** for Diesel Fuel, Bio-diesel Fuel, Diesel/Bio-diesel Blends with Nominal Bio-diesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil
- **UL2586C** for Power-Operated Dispensing Devices for Diesel Exhaust Fluid

UL87 - Standard for Power-Operated Dispensing Devices for Petroleum Products

- UL87A for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 E85)
- **UL87B** for Diesel Fuel, Bio-diesel Fuel, Diesel/Bio-diesel Blends with Nominal Bio-diesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil
- UL87C for Power-Operated Dispensing Devices for Diesel Exhaust Fluid

UL 50E - Enclosures for Electrical Equipment, Environmental Considerations

- Cellular gasket materials rated "UL 50E (continuous compression)" have been investigated for use where they are under compression over the life of their use (e.g., gaskets used in pilot lights, pushbuttons, selector switches, viewing windows, disconnect operators).
- Cellular gasket materials rated "UL 50E (periodic recompression)" comply with UL 50E Compression Test requirements.
 They may be used in continuous compression applications, but have additionally been investigated for use where they are subject to prolonged periods of compression followed by occasional, short periods of relaxation where the seal provided by the gasket may be broken during the life of the application and, after each such occurrence, the gasket is expected to provide the same seal when recompressed (e.g., gaskets used as the sealing means in the perimeter of doors and covers).
- Solid (noncellular) gasket materials rated "UL 50E" are considered suitable for either continuous compression or periodic recompression applications.

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CUSTOM MOLDED RUBBER

Maximum design flexibility combined with a wide variety of material options provide engineered solutions that meet the most demanding requirements.

UL Fueling Applications

- **Nozzles**
- Lighting Devices Electronic Devices
- **Pumps** Valves
- **Vibration Isolation**
- Meters
- **Protection** Fluid/Air Transfer **Piping**

- **✓** Static
- **Dynamic**



O-RINGS, QUAD RINGS, SQUARE RINGS

The industry standard for sealing technology that is low cost, versatile and provides the best value in sealing applications.

UL Fueling Applications

- **Nozzles**

- **Pumps** Valves
- Meters
- Piping Lighting Devices
 - **Electronic Devices**

- **Standard**
- **☑** Dynamic **☑** Custom



FABRIC REINFORCED DIAPHRAGMS

Custom compression molded and calendared diaphragm material for a wide variety of applications including isolation, pressure sensing and sealing. Available in rolling and flat diaphragm designs molded R1S and R2S. Unreinforced diaphragm material is also available.

UL Fueling Applications

Nozzles

Actuators

- Meters
- Regulators •
- **Control Valves** Pumps

- **✓** Static
- **Dynamic**



RUBBER-TO-METAL & RUBBER-TO-PLASTIC OVER-MOLDING

Over-molding offers design flexibility, space savings and cost savings by reducing parts and assembly time. Our capabilities include rubber over-molding to both metallic and plastic substrates with a variety of UL elastomers. Typical product designs include poppets, gasketing, check valves, and valve stems.

UL Fueling Applications

- **Lighting Devices**
- **Electronic Devices**
- **Vibration Isolation**
- **Protection**
- Fluid/Air Transfer

UL 157 Material Matrix

	Brand	Compound	Α	В	С	D	Е	F	G	Н	1	J	K	L	М	N	0
	Engineered Seal Products	N8008	•	•	•	•		•	•			•					
	Parker O-Ring	N0497-70		•	•	•		•	•			•					
~	Parker O-Ring	N1500-75		•	•	•		•	•			•					
NBR	Parker O-Ring	N1502-70			•	•											•
_	Parker O-Ring	NF162-65		•	•	•		•	•	•		•					
	Parker O-Ring	NF265-80		•	•	•			•								
	Parker O-Ring	NL288-70		•		•		•	•	•		•					
	Engineered Seal Products	V8090		•	•	•			•								
	Engineered Seal Products	V8091		•	•	•		•	•	•		•					
	Parker O-Ring	V0747-75		•		•		•	•	•		•					
	Parker O-Ring (obsolete)	V0884-75		•	•	•			•								
	Parker Hannifin	V1163-75		•	•	•		•	•			•					
	Parker O-Ring (obsolete)	V1226-75		•	•	•			•								
	Parker O-Ring	V1237-65		•	•	•		•	•			•					
	Parker O-Ring	V1262-65		•	•	•			•								
	Parker O-Ring	V1263-75		•	•	•			•								
FKM	Parker O-Ring	V1264-90		•	•	•			•								
Ī	Parker O-Ring	V1436-75	•	•		•		•	•	•		•					
	Parker O-Ring	VA151-75		•		•		•	•	•		•					
	Parker O-Ring	VG273-75 (c)		•	•	•		•	•	•		•					
	Parker O-Ring (obsolete)	VM100-75		•		•		•	•	•		•					
	Parker O-Ring	VA075-75		•	•	•		•	•	•		•					
	Parker O-Ring	VW076-75		•	•	•		•	•	•		•					
	Freudenberg-NOK	V121		•	•	•		•	•			•					
	Freudenberg-NOK	V123		•	•	•		•	•			•					
	Freudenberg-NOK	V75	•	•		•		•	•	•		•					
	Freudenberg-NOK	V75BR		•		•			•								
	Engineered Seal Products	L8090		•	•	•			•								
Θ	Parker O-Ring	L1120-70		•	•	•		•	•	•		•					
FVMQ	Parker O-Ring	L1465-70		•	•	•			•								
	Parker O-Ring	LM100-70		•		•		•	•	•		•					
C	Engineered Seal Products	S8082												•	•	•	•
VMQ	Parker O-Ring	S7395-60															
>	Parker O-Ring	S7442-40														•	

The final acceptance of a gasket material in a specific end-use application is dependent on its installation and use, and may require additional evaluation with respect to ingress or leakage of solids (such as dusts), liquids or gases, or other features dependent on the design and construction of the equipment in which it is used.



MATERIALS: UL Tested Physical Properties

Brand	Compound	File Number	Temperature Range (°C)	Hardness Range	Tensile Str (psi)	Elong (%)	Max Comp Set (%)	Max Tensile Set (%)
NITRILE (N	BR)							
	N8008	MH65940	-40 to 60	69 to 79	1599	294	8.8	1
Engineered Seal Products	Suitable for UL 50E cor and 13 including oil imr Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app	soline/ethanol blends with 0% (B100) biodiesel fuel o	pression applications for ethanol concentrations u r diesel/biodiesel fuel ble	up to 85% (E85) fo ends with nominal	r static and d biodiesel fuel	ynamic appli I concentration	cations	
	N0497-70	MH25709	-40 to 60	69 to 79	1836	340	11.1	0
Parker O-Ring		F, G, J soline/ethanol blends with asoline/Alcohol blends up		p to 85% (E85) fo	r static and d	ynamic appli	cations	
	N1500-75	MH25709	-40 to 60	72 to 82	1610	300	8.8	1
Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel of	ethanol concentrations u or diesel/bio-diesel fuel b aining up to 100% MTBE	up to 85% (E85) fo lends with nomina	r static and d	ynamic appli	cations	
Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel o dications TBE/gasoline blends conta	ethanol concentrations u or diesel/bio-diesel fuel b aining up to 100% MTBE	up to 85% (E85) fo lends with nomina	r static and d	ynamic appli	cations	
	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gan N1502-70 USE: B, C(Ethanol), D,	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel of dications TBE/gasoline blends conta asoline/Alcohol blends up	ethanol concentrations u or diesel/bio-diesel fuel b aining up to 100% MTBE to 15% Methanol -40 to 60	p to 85% (E85) fo lends with nomina	r static and d	ynamic appli uel concentra	cations ations up to 20%	% (B20) for
Parker O-Ring Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gan N1502-70 USE: B, C(Ethanol), D,	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel of slications TBE/gasoline blends conta asoline/Alcohol blends up MH25709	ethanol concentrations u or diesel/bio-diesel fuel b aining up to 100% MTBE to 15% Methanol -40 to 60	p to 85% (E85) fo lends with nomina	r static and d	ynamic appli uel concentra	cations ations up to 20%	% (B20) for
	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gandal Suitable for use with M Suitabl	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel o dications TBE/gasoline blends conta asoline/Alcohol blends up MH25709 O asoline/Alcohol blends up MH25709	ethanol concentrations upor diesel/bio-diesel fuel beaining up to 100% MTBE to 15% Methanol -40 to 60 to 15% Methanol -40 to 70 aining up to 100% MTBE	p to 85% (E85) follends with nominal 71 to 81	r static and d al bio-diesel fo 1383	ynamic appli uel concentra 283	cations ations up to 20%	% (B20) for 0
Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gandal Suitable for use with M Suitabl	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel o dications TBE/gasoline blends conta asoline/Alcohol blends up MH25709 O asoline/Alcohol blends up MH25709 F, G, H, J TBE/gasoline blends conta	ethanol concentrations upor diesel/bio-diesel fuel beaining up to 100% MTBE to 15% Methanol -40 to 60 to 15% Methanol -40 to 70 aining up to 100% MTBE	p to 85% (E85) follends with nominal 71 to 81	r static and d al bio-diesel fo 1383	ynamic appli uel concentra 283	cations ations up to 20%	% (B20) for 0
Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gandal Suitable for use with M Suitable for use with M Suitable as gasket mate NF265-80 USE: B, C (Ethanol), D, Suitable for use with M Suitable as gasket mate NF265-80 USE: B, C (Ethanol), D Suitable for use with M Suitable for use with M Suitable for use with M	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel o blications TBE/gasoline blends conta asoline/Alcohol blends up MH25709 O asoline/Alcohol blends up MH25709 F, G, H, J TBE/gasoline blends conta erial for use in UL 262 - Ga MH25709 , G T8E/gasoline blends conta	ethanol concentrations upor diesel/bio-diesel fuel bearining up to 100% MTBE to 15% Methanol -40 to 60 to 15% Methanol -40 to 70 aining up to 100% MTBE ate Valves for Fire-Protect -40 to 60	p to 85% (E85) follends with nominal 71 to 81 60 to 70 ction Service	r static and dal bio-diesel fu	ynamic appli uel concentra 283 310	cations ations up to 20%	6 (B20) for 0
Parker O-Ring Parker O-Ring	USE: B, C(Ethanol), D, Suitable for UL 87A gas Suitable for UL 87B 100 static and dynamic app Suitable for use with M Suitable for use with Gandal Suitable for use with M Suitable for use with M Suitable as gasket mate NF265-80 USE: B, C (Ethanol), D, Suitable for use with M Suitable as gasket mate NF265-80 USE: B, C (Ethanol), D Suitable for use with M Suitable for use with M Suitable for use with M	F, G, J soline/ethanol blends with 0% (B100) bio-diesel fuel oblications TBE/gasoline blends conta asoline/Alcohol blends up MH25709 O asoline/Alcohol blends up MH25709 F, G, H, J TBE/gasoline blends conta erial for use in UL 262 - Ga MH25709	ethanol concentrations upor diesel/bio-diesel fuel bearining up to 100% MTBE to 15% Methanol -40 to 60 to 15% Methanol -40 to 70 aining up to 100% MTBE ate Valves for Fire-Protect -40 to 60	p to 85% (E85) follends with nominal 71 to 81 60 to 70 ction Service	r static and dal bio-diesel fu	ynamic appli uel concentra 283 310	cations ations up to 20%	6 (B20) for 0

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MATERIALS: UL Tested Physical Properties

Brand	Compound	File Number	Temperature Range (°C)	Hardness Range	Tensile Str (psi)	Elong (%)	Max Comp Set (%)	Max Tensile Set (%)			
FLUORO	ARBON (FKI	/ I)									
	V8090	MH65940	-60 to 200	68 to 78	2035	183	16.9	0			
Engineered Seal Products	oil immersion Suitable for UL 87A and Suitable for UL 87B and applications	G httinuous compression applicated UL 2586A gasoline/ethanold UL 2586B diesel/biodiesel du UL 2586C diesel exhaust fl	blends with ethanol confuel blends with nominal	centrations up to 8 biodiesel fuel cond	5% (E85) for	static and d	ynamic applica	tions			
	V8091	MH65940	-40 to 200	75 to 85	2278	201	5.3	4			
Engineered Seal Products	USE: B, C(Ethanol), D, Suitable for UL 50E cor and 13 including oil imr	ntinuous and periodic compre	ession applications for er	nclosures Types 2,	3, 3X, 3R, 3	RX, 3S, 3SX	, 4, 4X, 5, 6, 6F	P, 12, 12K			
Parker O-Ring	V0747-75	MH25709	-40 to 60	70 to 80	1740	170	8.3	3			
raikei O-Kilig	USE: B, D, F, G, H, J										
	V1163-75	MH47018	-40 to 60	71 to 81	1894	238	17	3			
Parker Hannifin	Suitable for UL 87B die Suitable for UL 87C die Suitable for use with E Suitable for use with M	soline/ethanol blends with ett sel/bio-diesel fuel blends wit sel exhaust fluids for static a rBE/gasoline blends contain rBE/gasoline blends contain ME/gasoline blends contain	h nominal bio-diesel fuel nd dynamic applications ng up to 20% ETBE ing up to 20% MTBE					olications			
	V1237-65	MH25709	-26 to 200	64 to 74	1990	270	14.8	6			
Parker O-Ring	Suitable for use with M	F, G, J FBE/gasoline blends containi TBE/gasoline blends contain ME/gasoline blends contain	ing up to 20% MTBE				•				
	V1262-65	MH25709	-40 to 105	62 to 72	1689	276	9.3	3			
Parker O-Ring	USE: B, C(Ethanol), D, G Suitable for use with Gasoline/Alcohol blends up to 15% Methanol										
	V1263-75	MH25709	-40 to 105	72 to 82	1970	255	18.5	3			
Parker O-Ring	Suitable for UL 87B die Suitable for UL 87C die	G soline/ethanol blends with eth sel/bio-diesel fuel blends wit sel exhaust fluids for static a asoline/Alcohol blends up to	n nominal bio-diesel fuel nd dynamic applications	concentrations up				olications			



MATERIALS: UL Tested Physical Properties

Brand	Compound	File Number	Temperature Range (°C)	Hardness Range	Tensile Str (psi)	Elong (%)	Max Comp Set (%)	Max Tensile Set (%)			
FLUOROC	ARBON (FKM	l) - Continued									
	V1264-90	MH25709	-40 to 105	82 to 92	2124	143	29.8	4			
Parker O-Ring		G soline/Alcohol blends up to el/bio-diesel fuel blends wit		concentrations up	to 20% (B20)) for static a	nd dynamic ap	olications			
	V1436-75	MH25709	-40 to 105	65 to 75	2105	225	6.2	3			
Parker O-Ring		nical), B, D, F, G, H, J bline/ethanol blends with et el/bio-diesel fuel blends wit						olications			
Parker ∩ Ping	VA151-75	MH25709	-40 to 195	68 to 78	1700	170	4	3			
Parker O-Ring	USE: B, D, F, G, H, J										
	VG273-75 (C)	MH25709	-40 to 60	70 to 80	2050	200	9.2	4			
Parker O-Ring	dynamic application Suitable for use with	gasoline/ethanol blend	ds containing up to 2	0% MTBE	25% (E25	5) for statio	; and				
	VA075-75	MH25709	-40 to 150	75 to 85	2212	175	8	3.7			
Parker O-Ring	USE: B, C(Ethanol), D, F Suitable for UL 50E cont and 13 including oil imm	tinuous and periodic compr	ession applications for er	nclosures Types 2	3, 3X, 3R, 3	RX, 3S, 3SX	, 4, 4X, 5, 6, 6F	P, 12, 12K			
	VW076-75	MH25709	-40 to 150	70 to 80	1875	195	6	3.7			
Parker O-Ring	USE: B, C(Ethanol), D, F Suitable for UL 50E cont and 13 including oil imm	tinuous and periodic compr	ession applications for er	nclosures Types 2,	3, 3X, 3R, 3	RX, 3S, 3SX	, 4, 4X, 5, 6, 6F	P, 12, 12K			
	V121	MH16378	-30 to 105	75 to 85	1950	270	11.1	10			
Freudenberg -NOK	USE: B, C(Ethanol), D, F, G, J Suitable for UL 87A gasoline/ethanol blends with ethanol concentrations up to 85% (E85) for static and dynamic applications Suitable for use with MTBE/gasoline blends containing up to 15% MTBE Suitable for use with Gasoline/Alcohol blends up to 15% Methanol										
	V123	MH16378	-40 to 105	75 to 85	2500	130	13.1	0			
Freudenberg -NOK	USE: B, C(Ethanol), D, F, G, J Suitable for UL 87A gasoline/ethanol blends with ethanol concentrations up to 85% (E85) for static and dynamic applications Suitable for use with ETBE/gasoline blends containing up to 20% ETBE Suitable for use with MTBE/gasoline blends containing up to 20% MTBE Suitable for use with TAME/gasoline blends containing up to 17% TAME Suitable for use with Gasoline/Alcohol blends up to 15% Methanol										
Freudenberg	V75	MH16378	-40 to 105	75 to 85	1850	200	5.7	3			
-NOK	USE: A(Water, Dry Chen	nical, Halon), B, D, F, G, H,	J								
Freudenberg	V75BR	MH16378	-30 to 105	73 to 83	1750	220	4.6	3			
Frequentiera											



MATERIALS: UL Tested Physical Properties

	Compound	File Number	Temperature Range (°C)	Hardness Range	Tensile Str (psi)	Elong (%)	Max Comp Set (%)	Max Tensile Set (%)
FLUOROS	SILICONE (FV	MQ)						
	L8090	MH65940	-55 to 80	63 to 73	1107	215	4	3
Engineered Seal Products	and 13 including oil imm Suitable for UL 87A and Suitable for UL 87B and (B20) for static and dyr	ntinuous and periodic compre mersion d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bio	blends with ethanol con odiesel fuel or diesel/biod	centrations up to 8 diesel fuel blends v	35% (E85) for	static and d	ynamic applica	tions
	L1120-70	MH25709	-54 to 60	66 to 76	880	180	5.6	8
Parker O-Ring	Suitable for UL 87B die Suitable for UL 87C die	o, F, G, H, J soline/ethanol blends with ethesel/bio-diesel fuel blends with esel exhaust fluids for static a asoline/Alcohol blends up to	h nominal bio-diesel fuel and dynamic applications	concentrations up				plications
	L1465-70	MH25709	-55 to 80	63 to 73	1107	215	4	3
							<, 4, 4X, 5, 6, 6	
Parker O-Ring	Suitable for UL 87B and (820) for static and dyn	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bio	o-diesel fuel or diesel/bio	-diesel fuel blends			ynamic applica	tions
Parker O-Ring	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bio namic applications	o-diesel fuel or diesel/bio	-diesel fuel blends			ynamic applica	tions
Parker O-Ring Parker O-Ring	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87B die	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications d UL 2586(diesel exhaust flu MH25709 Intinuous and periodic compr	c-diesel fuel or diesel/bio uids for static and dynam -54 to 60 ression applications for en nanol concentrations up th nominal bio-diesel fuel	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up	1315 2, 3, 3X, 3R, ynamic applie	191 cations	ynamic applica uel concentration 3.52	tions ons up to 20%
	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87B die Suitable for UL 87C die	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications d UL 2586(diesel exhaust flu MH25709 Intinuous and periodic compress, 6 and 6P soline/ethanol blends with ethesel/bio-diesel fuel blends with	c-diesel fuel or diesel/bio uids for static and dynam -54 to 60 ression applications for en nanol concentrations up th nominal bio-diesel fuel	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up	1315 2, 3, 3X, 3R, ynamic applie	191 cations	ynamic applica uel concentration 3.52	tions ons up to 20%
Parker O-Ring SILICONE	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87B die Suitable for UL 87C die	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications d UL 2586(diesel exhaust flu MH25709 Intinuous and periodic compress, 6 and 6P soline/ethanol blends with ethesel/bio-diesel fuel blends with	c-diesel fuel or diesel/bio uids for static and dynam -54 to 60 ression applications for en nanol concentrations up th nominal bio-diesel fuel	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up	1315 2, 3, 3X, 3R, ynamic applie	191 cations	ynamic applica uel concentration 3.52	tions ons up to 20%
Parker O-Ring	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87C die	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications id UL 2586(diesel exhaust flum MH25709 Intinuous and periodic compress, 6 and 6P soline/ethanol blends with ethesel/bio-diesel fuel blends with essel exhaust fluids for static a MH65940 MH65940 Intinuous and periodic compress.	-54 to 60 ression applications for enanol concentrations up h nominal bio-diesel fuel and dynamic applications -65 to 135	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up	1315 2, 3, 3X, 3R, ynamic applie to 20% (B20	191 cations for static at	ynamic applica uel concentratio 3.52 nd dynamic applica 6.8	5.7
Parker O-Ring SILICONE Engineered Seal Products	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87C die	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications id UL 2586(diesel exhaust flum MH25709 Intinuous and periodic compress, 6 and 6P soline/ethanol blends with ethesel/bio-diesel fuel blends with essel exhaust fluids for static a MH65940 MH65940 Intinuous and periodic compress.	-54 to 60 ression applications for enanol concentrations up h nominal bio-diesel fuel and dynamic applications -65 to 135	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up	1315 2, 3, 3X, 3R, ynamic applie to 20% (B20	191 cations for static at	ynamic applica uel concentratio 3.52 nd dynamic applica 6.8	5.7
Parker O-Ring SILICONE Engineered	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87C die Suitable for UL 50E col and 13 including oil imm S7395-60	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications d UL 2586(diesel exhaust flumer of the composition o	-65 to 75	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up 63 to 73 enclosures Types 2 53 to 63	1315 2, 3, 3X, 3R, ynamic applie to 20% (B20 895.7 3, 3X, 3R, 3	191 cations) for static a 211.7 RX, 3S, 3SX	3.52 and dynamic applica 6.8 4.4 4.2	5.7 blications 0 7, 12, 12K
Parker O-Ring SILICONE Engineered Seal Products	Suitable for UL 87A and Suitable for UL 87B and (820) for static and dyn Suitable for UL 87C and LM100-70 USE: B, D, F, G, H, J Suitable for UL SOE co 3RX, 3S, 3SX, 4, 4X, 5 Suitable for UL 87A gas Suitable for UL 87C die Suitable for UL 50E col and 13 including oil imm S7395-60	d UL 2586A gasoline/ethanol d UL 2586B 100% (B100) bid namic applications d UL 2586(diesel exhaust flumer of the composition o	-65 to 75	-diesel fuel blends ic applications 67 to 77 enclosures Types 2 to 85% (E85) for d concentrations up 63 to 73 enclosures Types 2 53 to 63	1315 2, 3, 3X, 3R, ynamic applie to 20% (B20 895.7 3, 3X, 3R, 3	191 cations) for static a 211.7 RX, 3S, 3SX	3.52 and dynamic applica 6.8 4.4 4.2	5.7 blications 0 7, 12, 12K

