

Sealing Ring

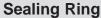
Sealing Ring

Type OL-...

Rubber O-ring on metal retainer

These sealing rings provide a leak tight seal for pressures up to 435 psi (30 bar). They can be easily removed for replacement.

*These torque ratings only apply to aluminum sealing rings.



PVC, rigid
Type O-...
Polymer (PVDF)
Type CRO-...

The Type CRO-... sealing rings are corrosion and acid-resistant, and therefore suitable for the chemical and food industries.



Order Number		For Thread	Material	Max. Permissible Torque	Weight
Part No.	Туре			lb-ft / Nm	lb / kg
34634	OL-M5	M 5		1.48 / 2	
161181	OL-M10	M 10	Stainless		0.0022 / 0.001
161182	OL-M12	M 12		_	
161183	OL-M14	M 14	steel, NBR (rubber)		
33840	OL-1/8	G 1/8 ISO	(Tubbet)	2.95 / 4	
34635	OL-1/4	G 1/4 ISO		8.11 / 11	
34636	OL-3/8	G 3/8 ISO	AI,	29.5 / 40*	0.0044 / 0.002
34637	OL-1/2	G 1/2 ISO	NBR	36.88 / 50*	
34638	OL-3/4	G 3/4 ISO	(rubber)	73.76 / 100*	

0

Temperature Range: 14 to 140° F (-10 to +60° C)

For Thread	Order Number		Order Number		Weight
	Part No.	Type	Part No.	Туре	lb / kg
M 3	30290	O-M3-B	_	_	0.0022 / 0.001
M 5	3565	O-M5	165191	CRO-M5	
G 1/8 ISO	2223	O-1/8	165192	CRO-1/8	
G 1/4 ISO	2224	O-1/4	165193	CRO-1/4	
G 3/8 ISO	2225	O-3/8	165914	CRO-3/8	
G 1/2 ISO	2226	O-1/2	165915	CRO-1/2	0.0044 / 0.002
G 3/4 ISO	2227	O-3/4	165916	CRO-3/4	
G 1 ISO	210893	O-1	165917	CRO-1	

OL Sealing Ring Assortment

Type OL-S1

Compartmented plastic storage box (marked "OL-BOX") with contents

These sealing rings install easily, are captive, reusable, and can be used in hydraulic/pneumatic installations of up to 435 psi / 30 bar.

Order Number 161355 OL-S1



This sealing ring box contains Type OL sealing rings in sizes M5 thru G 3/4 and keeps the appropriate sealing rings at hand.

Pressure range: 0.37 in Hg to 435 psi / -1 to 30 bar Temperature range: -22 to $212^{\circ}F$ / -30 to $100^{\circ}C$

Sealing Ring		For	Material	Max. Permissible	Weight
Quantity	Type	Thread		Torque	(each)
				ft-lb / Nm	lb / kg
50	OL-M5	M5	Stainless	1.48 / 2	0.0022 / 0.001
100	OL-1/8	G 1/8	Steel	2.95 / 4	
100	OL-1/4	G 1/4	and NBR	8.11 / 11	
50	OL-3/8	G 3/8	Aluminum	29.5 / 40*	0.0044 / 0.002
30	OL-1/2	G 1/2	and NBR	36.88 / 50*	
10	OL-3/4	G 3/4		73.76 / 100*	

Exceeding these torque ratings may cause deformation of the aluminum retainer.

To refill the compartments, order Type OL sealing rings separately. See above.

Product Range and Company Overview

A Complete Suite of Automation Services

Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



Custom Automation ComponentsComplete custom engineered solutions



Custom Control CabinetsComprehensive engineering support and on-site services



Complete SystemsShipment, stocking and storage services

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With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



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PneumaticsPneumatic linear and rotary actuators, valves, and air supply



PLC's and I/O Devices
PLC's, operator interfaces, sensors
and I/O devices

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Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



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