

FESTO

Sealing Ring

Fittings and Accessories

Pipe Fittings

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.

Pressure Range 0.37 in Hg to 435 psi (11 to +30 bar)
Temperature Range -22 to 212° F (-30 to 100° C)



Order Number		For Thread	Material	Max. Permissible Torque	Weight
Part No.	Type			lb-ft / Nm	lb / kg
34634	OL-M5	M 5	Stainless steel, NBR (rubber)	1.48 / 2	0.0022 / 0.001
161181	OL-M10	M 10		—	
161182	OL-M12	M 12		—	
161183	OL-M14	M 14		—	
33840	OL-1/8	G 1/8 ISO		2.95 / 4	
34635	OL-1/4	G 1/4 ISO	8.11 / 11		
34636	OL-3/8	G 3/8 ISO	Al,	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*	

Sealing Ring

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.

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



For Thread	Order Number		Order Number		Weight
	Part No.	Type	Part No.	Type	
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°F / -30 to 100°C

Sealing Ring		For Thread	Material	Max. Permissible Torque	Weight (each)
Quantity	Type				
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 Components
Complete custom engineered solutions



Custom Control Cabinets
Comprehensive engineering support and on-site services



Complete Systems
Shipment, stocking and storage services

The Broadest Range of Automation Components

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



Electromechanical
Electromechanical actuators, motors, controllers & drives



Pneumatics
Pneumatic linear and rotary actuators, valves, and air supply



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

Supporting Advanced Automation... As No One Else Can!

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.

Quality Assurance, ISO 9001 and ISO 14001 Certifications

Festo Corporation is committed to supply all Festo products and services that will meet or exceed our customers' requirements in product quality, delivery, customer service and satisfaction.

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.



© Copyright 2008, Festo Corporation. While every effort is made to ensure that all dimensions and specifications are correct, Festo cannot guarantee that publications are completely free of any error, in particular typing or printing errors. Accordingly, Festo cannot be held responsible for the same. For Liability and Warranty conditions, refer to our "Terms and Conditions of Sale", available from your local Festo office. All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, electronic, mechanical, photocopying or otherwise, without the prior written permission of Festo. All technical data subject to change according to technical update.



Printed on recycled paper at New Horizon Graphic, Inc., FSC certified as an environmentally friendly printing plant.

Festo North America

United States

Customer Resource Center
502 Earth City Expy., Suite 125
Earth City, MO 63045

For ordering assistance, or to find
your nearest Festo Distributor,

Call: 1.800.99.FESTO
Fax: 1.800.96.FESTO
Email: customer.service@us.festo.com

For technical support,

Call: 1.866.GO.FESTO
Fax: 1.800.96.FESTO
Email: product.support@us.festo.com

Headquarters

Festo Corporation
395 Moreland Road
P.O. Box 18023
Hauppauge, NY 11788
www.festo.com/us

Sales Offices

Appleton

N. 922 Tower View Drive, Suite N
Greenville, WI 54942

Boston

120 Presidential Way, Suite 330
Woburn, MA 01801

Chicago

1441 East Business Center Drive
Mt. Prospect, IL 60056

Dallas

1825 Lakeway Drive, Suite 600
Lewisville, TX 75057

Detroit - Automotive Engineering Center
2601 Cambridge Court, Suite 320
Auburn Hills, MI 48326

New York

395 Moreland Road
Hauppauge, NY 11788

Silicon Valley

4935 Southfront Road, Suite F
Livermore, CA 94550

Design and Manufacturing Operations



East: 395 Moreland Road, Hauppauge, NY 11788



Central: 1441 East Business Center Drive, Mt. Prospect, IL 60056



West: 4935 Southfront Road, Suite F, Livermore, CA 94550

Mexico

Headquarters

Festo Pneumatic, S.A.
Av. Ceylán 3, Col. Tequesquahuac
54020 Tlalnepantla, Edo. de México
Call: 011 52 [55] 53 21 66 00
Fax: 011 52 [55] 53 21 66 65
Email: festo.mexico@mx.festo.com
www.festo.com/mx



Canada

Headquarters

Festo Inc.
5300 Explorer Drive
Mississauga, Ontario L4W 5G4
Call: 1.905.624.9000
Fax: 1.905.624.9001
Email: info.ca@ca.festo.com
www.festo.com/ca



Festo Worldwide

Argentina Australia Austria Belarus Belgium Brazil Bulgaria Canada Chile China Colombia Croatia Czech Republic Denmark
Estonia Finland France Germany Great Britain Greece Hong Kong Hungary India Indonesia Iran Ireland Israel Italy Japan
Latvia Lithuania Malaysia Mexico Netherlands New Zealand Norway Peru Philippines Poland Romania Russia Serbia Singapore
Slovakia Slovenia South Africa South Korea Spain Sweden Switzerland Taiwan Thailand Turkey Ukraine United States Venezuela

www.festo.com