

Garlock Style 212-ULE (ULTRA LOW EMISSIONS)

Valve Stem Spool Packing

Simplify your Leak Detection and Repair (LDAR) Program with Garlock Style 212-ULE

This modern packing set consists of two different types of compression packings that are available either in prefabricated sets or in dispensing boxes with color coded braid. Garlock Style 212-ULE helps to cut inventory levels and reduces outage schedules without sacrificing performance. Outage planning is easier than ever now that each 212-ULE box indicates how many typical valves can be repacked by one box.

BENEFITS

- » Pack stuffing boxes without ordering specialized seal sets
- » Environmentally friendly performance and packaging
- » Easily meets emission standards, less than 50ppm
- » TA-Luft certification above 250°C and below 250°C
- » Dual type corrosion resistance
- » Easy to use dispensing box
- » „Fire-tested“ API 589
- » Low stem friction
- » ISO 15848
- » API 622

IDEAL FOR

- » Valve Stuffing Boxes
- » Critical Service
- » Efficient Outage Planning
- » Hydrocarbon Processing Industry
- » Chemical Processing Industry

SPECIFICATIONS

Temperature	-328°F (-200°C) to 1200°F (650°C) steam* 850°F (455°C) atmosphere
Pressure, Max.	4500 psig (310 bar)
pH	0-14 (except strong oxidizers)

*NOTE: For temperatures over 1000°F (537°C), please consult Garlock Engineering.

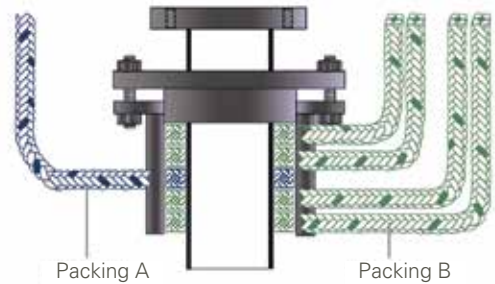


Garlock Style 212-ULE (ULTRA LOW EMISSIONS)

Technical Details

HOW TO INSTALL

When packing a valve, pack 2 rings of "Packing B", then one ring of "Packing A", then 2 additional rings of "Packing B", giving you a B-B-A-B-B configuration (or 212). This minimizes valve emissions and reduces valve torque. For stuffing boxes deeper than 5 rings, we recommend Garlock Style 1998-EZ bushings.



Included in each box of 212-ULE, are enough valve labels to indicate installation date and proper time to retighten the packing gland.



Each spool of 212-ULE has a "Low Spool" indicator tag that notifies the user to reorder.

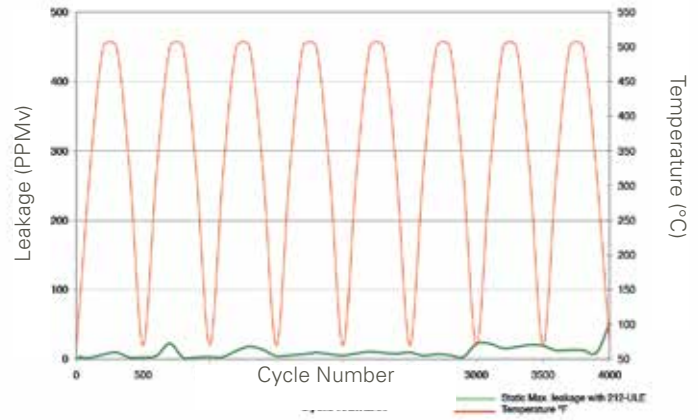


212-ULE BOX ORDERING INFORMATION

Packing Cross Section	Average Number of Sets per Box					Average Stem Diameter	Average Number of Sets per Box
	Style B		Style A		Inches		
	Inches	Ft	Lbs	Ft			
1/8	65,5	0,8	16,4	0,3	0,375	125	
3/16	127,6	3,6	31,9	0,9	0,625	150	
1/4	98,2	4,3	24,5	0,9	1	76	
5/16	50,7	3,0	12,7	0,3	1,625	25	
3/8	45,2	3,5	11,3	1,0	2,5	15	
7/16	38,6	4,3	9,7	1,0	3,25	10	
1/2	22,3	3,8	5,6	0,7	3,75	5	
9/16	26,5	4,9	6,6	1,2	4,5	5	
5/8	29,5	7,4	7,4	1,5	5	5	

STATIC LEAKAGE MAXIMUM READINGS

Leakage and Temperature vs Actuation Cycles



The complete Garlock Style 212-ULE product line, the prefabricated sets as well as the dispensing boxes, are equally available in metric dimensions.

Note:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice GARLOCK is a registered trademark for packings, seals, gaskets, and other products of Garlock. © Garlock Inc 2015. All rights reserved worldwide.

GARLOCK GMBH
EnPro Industries family of companies
Falkenweg 1, 41468 Neuss, Germany
Tel: +49 2131 349 0
www.garlock.com

Garlock Sealing Technologies
Garlock Rubber Technologies
GPT
Garlock PTY
Garlock do Brasil

Garlock de Canada, LTD
Garlock China
Garlock Singapore
Garlock USA
Garlock India Private Limited

Garlock de Mexico, S.A. De C.V.
Garlock New Zealand
Garlock Great Britain Limited
Garlock Middle East