

STYLE 212-ULE

Style 212-ULE is the next generation of packing to provide compliance to the most stringent regulations for allowable VOC and VHAP emissions. In standard industry emissions testing, levels of less than 10 ppm were achieved*. Both packing ring types in style 212-ULE have been successfully fire-tested to API 589. This combination of packing styles provides the best of both worlds - excellent sealability and low friction!

Style 212 ULE is made up of two unique types of graphite rope packing using an “B-A-B” configuration. There are four “B” type packing rings with a single “A” type ring in the middle. The “B” type rings are manufactured from a proprietary yarn consisting of several strands of high purity GRAPH-LOCK® contained by an Inconel filament jacket. This Inconel** wire filament is only 0.004” diameter, making the finished braid non-scoring and thermally conductive. The center “A” type ring is braided from graphite fiber reinforced flexible graphite yarns and high purity graphite filament yarns. Style 212-ULE is self-lubricating, non-hardening, dimensionally stable and impervious to gases and fluids.

Specifications

TEMPERATURE:	-328°F to +1200°F (-200°C to +650°C) in steam +850°F (+455°C) atmosphere
PRESSURE:	4500 psi (310 Bar)
PH RANGE:	0 - 14 (except strong oxidizers)
CONSTRUCTION:	Furnished with a zinc corrosion inhibitor unless otherwise specified.

*Test results available upon request

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Packing Cross-Section (inches)	Style B Ft	Style A Ft	AVG Stem Diam (in.)	Avg Number of Valves Packed
1/8	65.45	16.36	0.375	125
3/16	127.63	31.91	0.625	150
1/4	98.17	24.54	1	75
5/16	50.74	12.68	1.625	25
3/8	45.16	11.29	2.5	15
7/16	38.61	9.65	3.25	10
1/2	22.25	5.56	3.75	5
9/16	26.51	6.63	4.5	5
5/8	29.45	7.36	5	5

Foot yield: +/- 10%

TYPICAL CHEMICAL PURITY 212-ULE	
Leachable Chloride	< 200 ppm Max
Leachable Fluoride	< 200 ppm Max
Total Sulfur	< 1000 ppm Max
Total Heavy Metals, excluding zinc	< 500 ppm Max Total < 200 ppm Max Individual