

WV PACKING

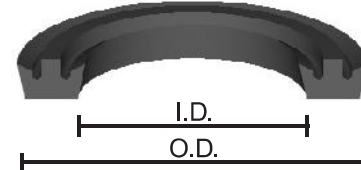


Similar to Vee Packing, WV Packing is stacked in a pedestal fashion. Stacked rings do not require axial force to obtain proper lip interference. Also, stacked WV's have the advantage of redundancy - if one ring fails, the next ring will back it up.

WV Packing is available as a Center Ring, Style 850 (Neo-Fab) and Style 851 (Buna-N); Flat Back, Style 852 (Neo Fab) and Style 853 (Buna-n); and Deep Base, Style 855 (Buna-N). Flat backs and center rings are usually used in sets, whereas deep base rings are used as single elements.



CENTER RING
STYLE 850 & 851



FLAT BACK
STYLE 852 & 853



DEEP BASE
STYLE 855

A: NOMINAL RING STACK HEIGHT
B: GLAND DEPTH ±0.002"

SEAL INFORMATION	
MATERIAL	FABRIC REINFORCED RUBBER AND BUNA-N
TEMPERATURE RANGE	-40° TO +250° F
PRESSURE RANGE	SEE CHART BELOW
PART NUMBER	(Prefix) - (ID) - (OD)

If your design is of medium to high pressure it is recommended that you utilize fabric reinforced rings. The following is a guide to pressure rating of multiple rings, including flat bottom rings.

PRESSURE RATING OF MULTIPLE RINGS	
PRESSURE P.S.I.	NUMBER OF RINGS
250 - 500	3
500 - 2,000	4
2,000 - 5,000	5
5,000 - 8,000	6

A homogeneous ring may be also used for sealing at low pressure. Do not include the homogeneous ring in calculating pressure rating. Due to the different material, it is difficult to rate this type of ring. If you wish to use all homogeneous rings, tests should be conducted to verify design stability.

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NUMBER OF RINGS												
Cross Section	2		3		4		5		6		7	
	A	B	A	B	A	B	A	B	A	B	A	B
1/4"	.266	.280	.375	.392	.484	.504	.594	.616	.704	.728	.814	.840
5/16"	.332	.346	.469	.486	.605	.625	.742	.764	.879	.903	1.020	1.042
3/8"	.398	.412	.562	.579	.726	.746	.890	.912	1.054	1.078	1.218	1.244
7/16"	.468	.482	.656	.673	.848	.868	1.039	1.061	1.230	1.254	1.421	1.447
1/2"	.531	.545	.750	.767	.969	.989	1.187	1.209	1.405	1.429	1.623	1.649
5/8"	.667	.695	.943	.978	1.220	1.260	1.496	1.541	1.772	1.821	2.048	2.101
3/4"	.800	.828	1.132	1.167	1.464	1.504	1.795	1.840	2.126	2.175	2.475	2.528