

DOUBLE WAVE RUBBER COMPENSATOR

RUBBER COATED FLANGED COMPENSATORS › TWO WAVES FLANGED RUBBER COMPENSATORS

They are made of rubber, flanged, made up of an elastic BI-ONDA rubber body, reinforced with a braid of nylon threads which make them resistant to stresses due to pressure during use and to the movements they must absorb. The sealing step between the joint flange and the counterflange is in turn reinforced with a steel ring, which avoids (within the limits of use permitted by the joint) the removal of the rubber body from the flange seat, as well as give greater guarantees of non-deformability during use, a situation that could lead to leaks in the joint itself.

STRUCTURE :

Swivel flanges: galvanized carbon steel

Reinforcement step: galvanized carbon steel

Elastomer: special synthetic rubber

Reinforcement: Nylon synthetic fibre

Available rubber compounds: **EPDM, NITRILE, NEOPRENE, HYPALON, VITON**

Maximum operating pressure: **from DN25 to DN300 16 bar - from DN350 to DN700 8 bar**

Burst pressure: **from DN25 to DN300 60 bar - from DN350 to DN700 24 bar**

Depression: **650mm/Hg**

Operating temperature: **-20 ÷ 100°C**



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Diameter nominal		Length	OR Hole	OR lip	Eligible movements			
					Axial		Lateral	Angular
inch.	mm	mm	mm	mm	compression	elongation	+/-	+/-
1"1/2	40	175	40	68	50	30	45	35°
2"	50	175	52	86	50	30	45	35°
2"1/2	65	175	68	105	50	30	45	35°
3"	80	175	76	115	50	30	45	35°
4"	100	225	103	150	50	35	40	35°
5"	125	225	128	179	50	35	40	35°
6"	150	225	152	210	50	35	40	35°
8"	200	325	194	260	60	35	35	30°
10"	250	325	250	320	60	35	35	30°
12"	300	325	300	367	60	35	35	30°
14"	350	350	320	408	40	30	30	20th
16"	400	350	372	472	40	30	30	20th
18"	450	350	415	522	40	30	30	20th
20"	500	350	454	570	40	30	30	20th
24"	600	350	580	689	40	30	30	20th