

SINGLE WAVE RUBBER COMPENSATOR type SHORT

RUBBER COATED FLANGED COMPENSATORS › RUBBER COMPENSATOR FLANGED TO ONE WAVE

These compensators are built according to the German standard.

They are made of rubber, flanged, made up of an elastic SINGLE 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: zinc 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: **16 bar**

Burst pressure 60 bar - Depression: **650mm/Hg**

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



Mastertubi.it/q?1285

| Diameter nominal | | Length | Weight | OR Hole | OR lip | Eligible movements | | | |
|------------------|-----|--------|--------|---------|--------|--------------------|------------|---------|---------|
| | | | | | | Axial | | Lateral | Angular |
| inch. | mm | mm | Kg | mm | mm | compression | elongation | +/- | +/- |
| 1" | 25 | 130 | 1.99 | 25 | 50 | 12 | 9 | 12 | 15° |
| 1"1/4 | 32 | 130 | 3.23 | 40 | 69 | 12 | 9 | 12 | 15° |
| 1"1/2 | 40 | 130 | 3.73 | 40 | 60 | 12 | 9 | 12 | 15° |
| 2" | 50 | 130 | 4.34 | 52 | 86 | 12 | 9 | 12 | 15° |
| 2"1/2 | 65 | 130 | 5.55 | 68 | 106 | 12 | 9 | 12 | 15° |
| 3" | 80 | 130 | 6.41 | 76 | 116 | 12 | 9 | 12 | 15° |
| 4" | 100 | 130 | 7.26 | 103 | 150 | 14 | 9 | 14 | 15° |
| 5" | 125 | 130 | 9.37 | 128 | 180 | 14 | 9 | 14 | 15° |
| 6" | 150 | 130 | 12.59 | 152 | 209 | 14 | 9 | 14 | 15° |
| 8" | 200 | 130 | 16.98 | 194 | 260 | 14 | 9 | 14 | 15° |
| 10" | 250 | 130 | 24.17 | 250 | 320 | 14 | 9 | 14 | 15° |
| 12" | 300 | 130 | 29.55 | 300 | 367 | 16 | 9 | 16 | 15° |