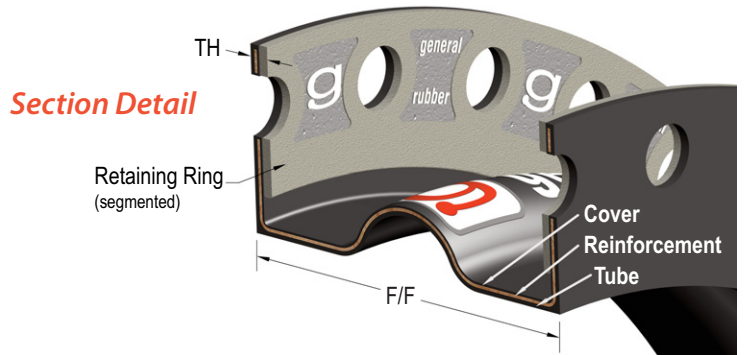


Shown with optional Control Unit W/B
 (others available)

Style 1101LW Rubber Expansion Joint

Sizes 2" [DN50] - 36" [DN900] | 1101LW-0000-2.17



| | Pure Gum | Neoprene | Butyl | Nitrile (Buna-N) | EPDM | Viton® (FKM) |
|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Tube | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cover | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tire Cord: | ° F [° C] | ° F [° C] | ° F [° C] | ° F [° C] | ° F [° C] | ° F [° C] |
| <input type="checkbox"/> Polyester | 180 [82] | 225 [107] | 250 [121] | 210 [99] | 250 [121] | 250 [121] |
| <input type="checkbox"/> Kevlar® | 180 [82] | 225 [107] | 300 [149] | 210 [99] | 350 [177] | 400 [204] |

Maximum Temperature rating based on lowest temperature material selected. EPDM or Butyl w/Polyester Tire Cord rated 300°F (149°C) for Air Service up to 25 psig (1.7 barg)

Bill of Materials

| ITEM | MATERIAL | FINISH |
|-----------------------|---|-----------------------|
| Retaining Ring | <input type="checkbox"/> Carbon Steel | Hot Dipped Galvanized |
| | <input type="checkbox"/> Stainless Steel | Plain |
| Gusset | <input type="checkbox"/> Carbon Steel | Hot Dipped Galvanized |
| | <input type="checkbox"/> Stainless Steel | Plain |
| Rods | <input type="checkbox"/> ASTM A193 B7 Alloy Steel | Hot Dipped Galvanized |
| | <input type="checkbox"/> ASTM A193 B8M 316 SS | Plain |
| Nuts | <input type="checkbox"/> ASTM A194 2H Steel | Hot Dipped Galvanized |
| | <input type="checkbox"/> ASTM A194 8M 316 SS | Plain |
| Spherical Washers | <input type="checkbox"/> Stainless Steel | Plain |
| Metal Reinforcement | High Tensile Steel | Rubber Embedded |
| Textile Reinforcement | Tire Cord | RFL Coating |

Operational Parameters (customer specified)

| | | |
|--------------------------------------|-----------------------------------|-----------------------------|
| Quantity <input type="text"/> | Size ID (DN) <input type="text"/> | F/F <input type="text"/> |
| Flange Drilling <input type="text"/> | Pressure <input type="text"/> | Vacuum <input type="text"/> |

| SIZE | | | MOVEMENT (non-concurrent) | | | | | SPRING RATE | | | PRESSURE | | WEIGHT |
|-----------------|---------------------------|--------------------|---------------------------|--------------|-----------------|-----------------|-------------------|--------------------|-------------------|----------------------|----------------------|---------------------|--|
| Size ID in [mm] | Std. Length (F/F) in [mm] | Flange TH. in [mm] | Comp. in [mm] | Ext. in [mm] | Lateral in [mm] | Angular Degrees | Torsional Degrees | Comp. lb/in [N/mm] | Ext. lb/in [N/mm] | Lateral lb/in [N/mm] | Pressure psig [barg] | Vacuum in-Hg [barg] | Gross Weight w/o Control Unit lbs [kg] |
| 2 [50] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 [25] | 43 | 5 | 80 [14] | 104 [18] | 96 [16] | 25 [1.7] | 7.5 [-0.25] | 5 [2.3] |
| 2 1/2 [65] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 [25] | 36 | 4 | 100 [17] | 130 [22] | 120 [21] | 25 [1.7] | 7.5 [-0.25] | 7 [3.2] |
| 3 [80] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 [25] | 31 | 4 | 120 [21] | 156 [27] | 144 [25] | 25 [1.7] | 7.5 [-0.25] | 8 [3.6] |
| 4 [100] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 [25] | 24 | 4 | 160 [28] | 208 [36] | 192 [33] | 25 [1.7] | 7.5 [-0.25] | 11 [5] |
| 5 [125] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 [25] | 20 | 4 | 200 [35] | 260 [45] | 240 [42] | 25 [1.7] | 7.5 [-0.25] | 13 [5.9] |
| 6 [150] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 1/4 [32] | 17 | 4 | 240 [42] | 312 [54] | 288 [50] | 25 [1.7] | 7.5 [-0.25] | 14 [6.4] |
| 8 [200] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 1/4 [32] | 13 | 3 | 320 [56] | 416 [72] | 384 [67] | 25 [1.7] | 7.5 [-0.25] | 20 [9] |
| 10 [250] | 6 [152] | 5/8 [16] | 2 [51] | 1 [25] | 1 1/4 [32] | 19 | 3 | 400 [75] | 520 [91] | 480 [84] | 25 [1.7] | 7.5 [-0.25] | 23 [10.4] |
| 12 [300] | 6 [152] | 5/8 [16] | 2 1/4 [57] | 1 [25] | 1 1/4 [32] | 15 | 3 | 480 [84] | 624 [109] | 576 [100] | 25 [1.7] | 7.5 [-0.25] | 34 [15.4] |
| 14 [350] | 6 [152] | 5/8 [16] | 2 1/4 [57] | 1 1/8 [29] | 1 3/8 [35] | 13 | 3 | 560 [98] | 728 [127] | 672 [117] | 25 [1.7] | 7.5 [-0.25] | 41 [18.6] |
| 16 [400] | 6 [152] | 5/8 [16] | 2 1/4 [57] | 1 1/8 [29] | 1 3/8 [35] | 12 | 3 | 640 [112] | 732 [128] | 768 [134] | 25 [1.7] | 7.5 [-0.25] | 58 [26.4] |
| 18 [450] | 6 [152] | 5/8 [16] | 2 1/4 [57] | 1 1/8 [29] | 1 3/8 [35] | 11 | 3 | 720 [126] | 936 [163] | 864 [151] | 25 [1.7] | 7.5 [-0.25] | 64 [29] |
| 20 [500] | 6 [152] | 5/8 [16] | 2 1/2 [64] | 1 1/8 [29] | 1 3/8 [35] | 10 | 3 | 800 [140] | 1,040 [182] | 960 [168] | 25 [1.7] | 7.5 [-0.25] | 71 [32.3] |
| 24 [600] | 8 [203] | 5/8 [16] | 2 1/2 [64] | 1 1/8 [29] | 1 3/8 [35] | 9 | 3 | 960 [168] | 1,248 [218] | 1,152 [201] | 25 [1.7] | 7.5 [-0.25] | 89 [40.4] |
| 30 [750] | 8 [203] | 5/8 [16] | 2 1/2 [64] | 1 1/8 [29] | 1 3/8 [35] | 8 | 3 | 1,200 [210] | 1,560 [273] | 1,440 [252] | 25 [1.7] | 7.5 [-0.25] | 136 [61.8] |
| 36 [900] | 8 [203] | 5/8 [16] | 2 1/2 [64] | 1 1/8 [29] | 1 3/8 [35] | 7 | 2 | 1,440 [252] | 1,872 [327] | 1,728 [302] | 25 [1.7] | 7.5 [-0.25] | 176 [80] |

Available in standard or custom face-to-face dimensions, custom offset arrangements and sizes not shown.

Contact General Rubber Corporation for full product specifications, Warnings and installation instructions.