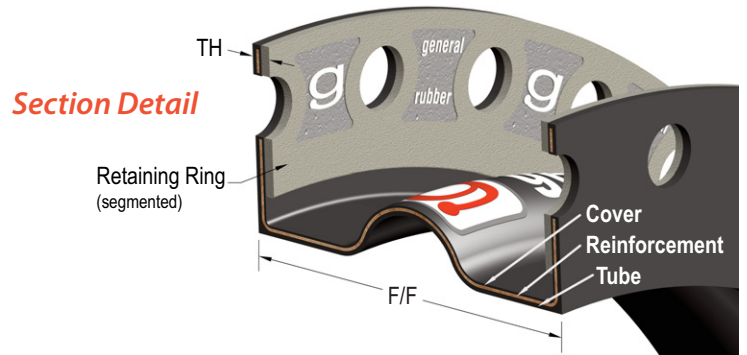


Shown with optional Control Unit W/B
 (others available)

Style 1101LW Rubber Expansion Joint

Sizes 2" [DN50] - 36" [DN900] | 1101LW-0000-3.16



	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)					PRESSURE		SPRING RATE			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	Pressure psig [barg]	Vacuum in-Hg [barg]	Comp. lb/in [N/mm]	Ext. lb/in [N/mm]	Lateral lb/in [N/mm]	Gross Weight w/o Control Unit lbs [kg]
2 [50]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 [25.4]	43	5	25 [1.7]	7.5 [-0.25]	80 [14]	104 [18]	96 [16]	8 [3.6]
2 1/2 [65]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 [25.4]	36	4	25 [1.7]	7.5 [-0.25]	100 [17]	130 [22]	120 [21]	10 [4.5]
3 [80]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 [25.4]	31	4	25 [1.7]	7.5 [-0.25]	120 [21]	156 [27]	144 [25]	12 [5.4]
4 [100]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 [25.4]	24	4	25 [1.7]	7.5 [-0.25]	160 [28]	208 [36]	192 [33]	15 [6.8]
5 [125]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 [25.4]	20	4	25 [1.7]	7.5 [-0.25]	200 [35]	260 [45]	240 [42]	17 [7.7]
6 [150]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 1/4 [31.8]	17	4	25 [1.7]	7.5 [-0.25]	240 [42]	312 [54]	288 [50]	20 [9]
8 [200]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 1/4 [31.8]	13	3	25 [1.7]	7.5 [-0.25]	320 [56]	416 [72]	384 [67]	29 [13.2]
10 [250]	6 [152]	5/8 [15.9]	2 [50.8]	1 [25.4]	1 1/4 [31.8]	19	3	25 [1.7]	7.5 [-0.25]	400 [75]	520 [91]	480 [84]	39 [17.7]
12 [300]	6 [152]	5/8 [15.9]	2 1/4 [57.2]	1 [25.4]	1 1/4 [31.8]	15	3	25 [1.7]	7.5 [-0.25]	480 [84]	624 [109]	576 [100]	51 [23.2]
14 [350]	6 [152]	5/8 [15.9]	2 1/4 [57.2]	1 1/8 [28.6]	1 3/8 [34.9]	13	3	25 [1.7]	7.5 [-0.25]	560 [98]	728 [127]	672 [117]	47 [21.3]
16 [400]	6 [152]	5/8 [15.9]	2 1/4 [57.2]	1 1/8 [28.6]	1 3/8 [34.9]	12	3	25 [1.7]	7.5 [-0.25]	640 [112]	732 [128]	768 [134]	80 [36.4]
18 [450]	6 [152]	5/8 [15.9]	2 1/4 [57.2]	1 1/8 [28.6]	1 3/8 [34.9]	11	3	25 [1.7]	7.5 [-0.25]	720 [126]	936 [163]	864 [151]	87 [39.5]
20 [500]	6 [152]	5/8 [15.9]	2 1/2 [63.5]	1 1/8 [28.6]	1 3/8 [34.9]	10	3	25 [1.7]	7.5 [-0.25]	800 [140]	1,040 [182]	960 [168]	103 [46.8]
24 [600]	8 [203]	5/8 [15.9]	2 1/2 [63.5]	1 1/4 [31.8]	1 3/8 [34.9]	9	3	25 [1.7]	7.5 [-0.25]	960 [168]	1,248 [218]	1,152 [201]	129 [58.6]
30 [750]	8 [203]	5/8 [15.9]	2 1/2 [63.5]	1 1/4 [31.8]	1 3/8 [34.9]	8	3	25 [1.7]	7.5 [-0.25]	1,200 [210]	1,560 [273]	1,440 [252]	175 [79.5]
36 [900]	8 [203]	5/8 [15.9]	2 1/2 [63.5]	1 1/4 [31.8]	1 3/8 [34.9]	7	2	25 [1.7]	7.5 [-0.25]	1,440 [252]	1,872 [327]	1,728 [302]	235 [106.8]

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.