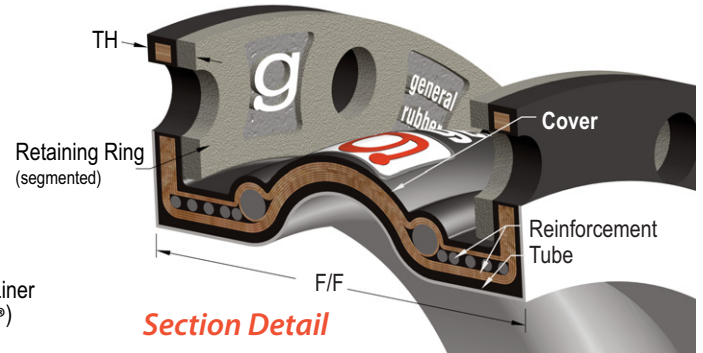
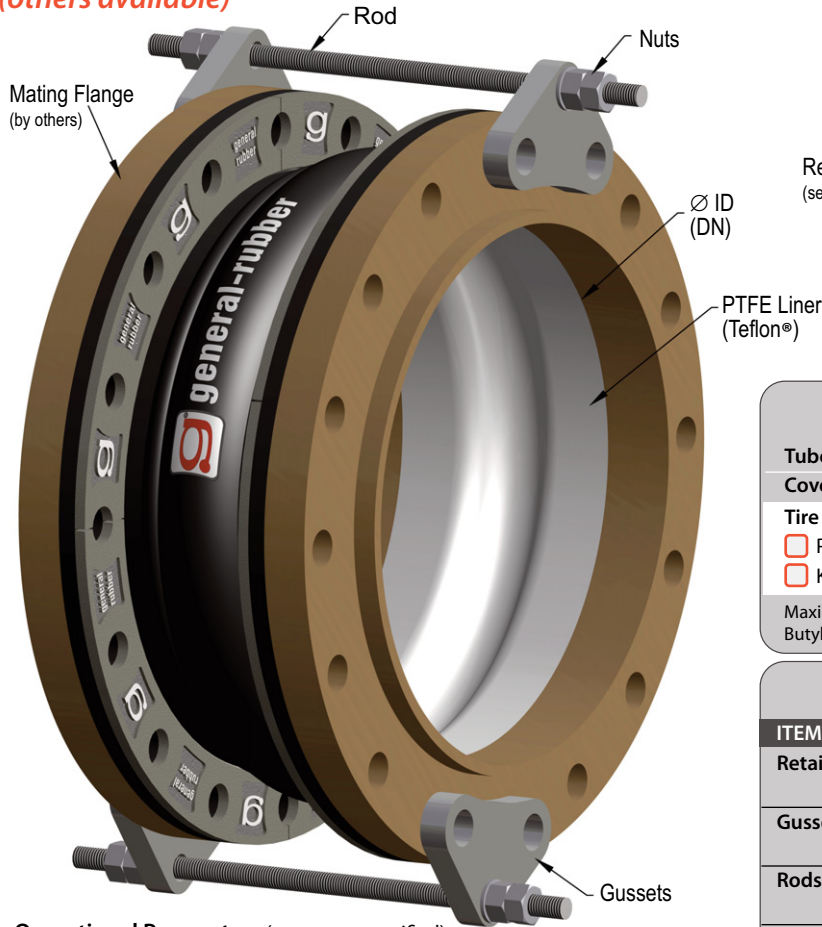


Shown with optional Control Unit W/B (others available)

Style 1101T Rubber Expansion Joint

Sizes 2" [DN50] - 36" [DN900] | 1101T-0000-3.18



	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]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	39	4	270 [47]	340 [60]	450 [79]	225 [15.5]	30 [-1]	7 [3.2]
2 1/2 [65]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	33	3.8	340 [60]	420 [74]	480 [84]	225 [15.5]	30 [-1]	8 [3.6]
3 [80]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	28	3.7	400 [70]	510 [89]	540 [95]	225 [15.5]	30 [-1]	10 [4.5]
4 [100]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	22	3.6	550 [96]	710 [124]	590 [103]	225 [15.5]	30 [-1]	14 [6]
5 [125]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	18	3.4	670 [117]	880 [154]	710 [124]	225 [15.5]	30 [-1]	17 [7.7]
6 [150]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	15	3.2	820 [144]	1,050 [184]	790 [138]	225 [15.5]	30 [-1]	20 [9]
8 [200]	6 [152]	7/8 [22]	1 3/4 [44]	7/8 [22]	1 [25]	12	3.1	990 [173]	1,160 [203]	960 [168]	225 [15.5]	30 [-1]	29 [13]
10 [250]	8 [203]	7/8 [22]	2 [51]	1 [25]	1 1/4 [32]	17	3	960 [168]	1,170 [205]	820 [144]	225 [15.5]	30 [-1]	39 [18]
12 [300]	8 [203]	7/8 [22]	2 [51]	1 [25]	1 1/4 [32]	14	2.9	1,010 [177]	1,250 [219]	970 [170]	225 [15.5]	30 [-1]	58 [26.4]
14 [350]	8 [203]	1 [25]	2 1/4 [57]	1 1/8 [29]	1 1/4 [32]	12	2.8	1,080 [189]	1,300 [228]	1,140 [200]	220 [15.2]	30 [-1]	65 [29.5]
16 [400]	8 [203]	1 [25]	2 1/4 [57]	1 1/8 [29]	1 1/4 [32]	11	2.7	1,150 [201]	1,390 [243]	1,320 [231]	160 [11]	30 [-1]	80 [36.4]
18 [450]	8 [203]	1 [25]	2 1/4 [57]	1 1/8 [29]	1 1/4 [32]	10	2.6	1,220 [214]	1,570 [275]	1,450 [254]	160 [11]	30 [-1]	90 [41]
20 [500]	8 [203]	1 [25]	2 1/4 [57]	1 1/8 [29]	1 1/4 [32]	9	2.5	1,280 [224]	1,750 [306]	1,620 [284]	130 [9]	30 [-1]	101 [46]
24 [600]	10 [254]	1 1/8 [29]	2 1/2 [64]	1 1/4 [32]	1 3/8 [35]	8	2.4	1,730 [303]	2,100 [368]	1,740 [305]	130 [9]	30 [-1]	120 [54.5]
30 [750]	10 [254]	1 1/8 [29]	2 1/2 [64]	1 1/4 [32]	1 3/8 [35]	7	2.3	2,180 [382]	2,660 [466]	2,190 [384]	100 [6.9]	30 [-1]	172 [78.2]
36 [900]	10 [254]	1 1/8 [29]	2 1/2 [64]	1 1/4 [32]	1 3/8 [35]	6	2.2	2,660 [466]	3,250 [569]	2,680 [469]	90 [6.2]	30 [-1]	219 [99.5]

Available in standard or custom face-to-face dimensions, custom offset arrangements and sizes not shown. All parts listed are designed for 30" Hg (full vacuum) and have a maximum test at 26" Hg due to facility altitude and equipment limitations. Pressure based on ambient operating temperature, and is reduced at higher temperatures.

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