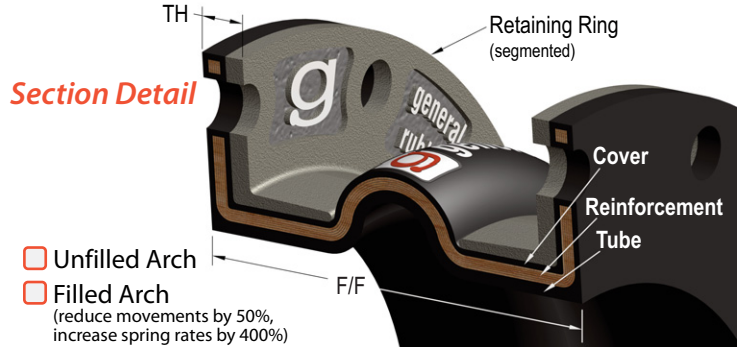
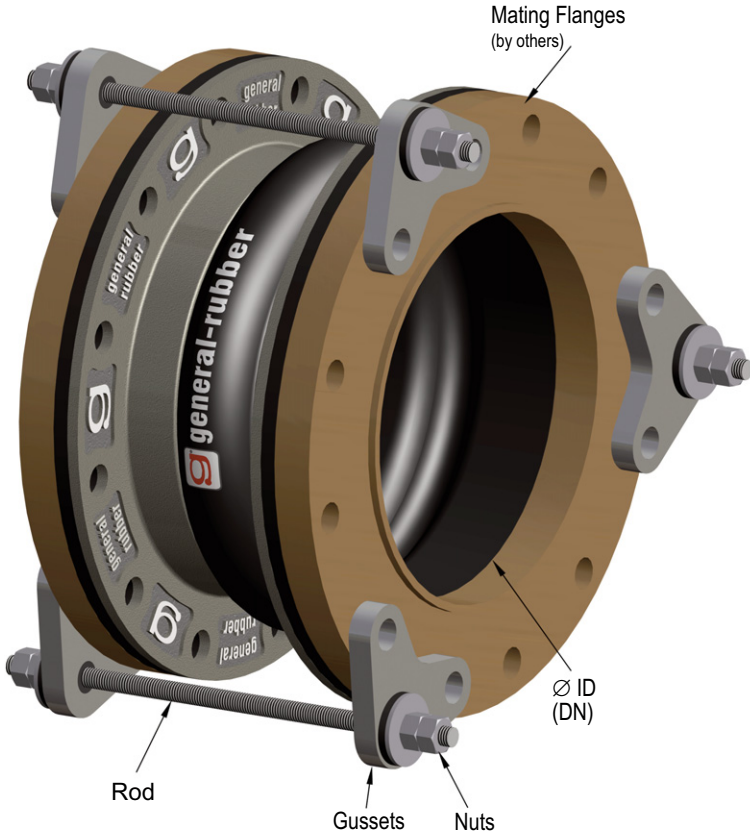


Shown with optional Control Unit GR/B
 (others available)

Style 1015 Rubber Expansion Joint

Sizes 2" [DN50] - 12" [DN300] | 1015-0000-4.16



	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	Ductile Iron	Hot Dipped Galvanized
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
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]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	3/4 [19]	39	4	214 [38]	272 [48]	363 [64]	200 [13.8]	30 [-1]	5.5 [2.5]
2 1/2 [65]	6 [152]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	3/4 [19]	33	3.8	272 [48]	340 [60]	385 [67]	200 [13.8]	30 [-1]	7.5 [3.4]
3 [80]	6 [152]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	3/4 [19]	28	3.7	320 [56]	408 [71]	431 [75]	200 [13.8]	30 [-1]	8.5 [3.8]
4 [100]	6 [152]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	3/4 [19]	22	3.6	437 [77]	567 [99]	476 [83]	200 [13.8]	30 [-1]	10 [4.5]
5 [125]	6 [152]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	3/4 [19]	18	3.4	534 [94]	703 [123]	567 [99]	200 [13.8]	30 [-1]	12.5 [5.7]
6 [150]	6 [152]	13/16 [20.6]	1 3/4 [44.4]	3/4 [19]	1 [25.4]	15	3.2	650 [114]	839 [147]	629 [110]	200 [13.8]	30 [-1]	16.5 [7.5]
8 [200]	6 [152]	7/8 [22.2]	1 3/4 [44.4]	3/4 [19]	1 [25.4]	12	3.1	719 [126]	929 [163]	765 [134]	190 [13.1]	30 [-1]	22 [10]
10 [250]	8 [203]	7/8 [22.2]	1 3/4 [44.4]	3/4 [19]	1 [25.4]	17	3	903 [158]	1,179 [206]	816 [143]	190 [13.1]	30 [-1]	34 [15.4]
12 [300]	8 [203]	7/8 [22.2]	1 3/4 [44.4]	3/4 [19]	1 [25.4]	14	2.9	943 [165]	1,247 [218]	969 [170]	190 [13.1]	30 [-1]	45 [20.4]

Retaining rings are typically "L" shaped for sizes 1" [25] through 12" [300] and can be flat depending on internal reinforcements.