

Style 206 EZ-FLO®

The Style 206 EZ-FLO family of expansion joints is constructed with a single, wide, flowing arch. It is intended for use in dynamic, high-pressure applications where low spring rates and a self-flushing arch are required.

BENEFITS

- » Self-flushing design eliminates media buildup and reduces fluid turbulence
- » High pressure ensures longer life and reduces inventory requirements
- » Lightweight design installs easily

STANDARD DESIGN

» Tube

- › Chlorobutyl resists cracking due to high temperatures, weathering, oxidation and chemicals
- › Flowing arch design adds pressure resistance and reduces product buildup

» Body

- › The rubber reinforced nylon tire cord and polyester construction provide flexibility as well as durability.

» Cover

- › A homogeneous layer of chlorobutyl fully extends to the outside edge of the flange.
- › A durable exterior coating further protects the expansion joint from the effects of weathering and oxidation.

» Flanges

- › The seamless flange face eliminates the need for separate gaskets to facilitate installation in flat face flanges.
- › Multiple flange configurations available:
 - ASME B16.5/B16.47 Series A Class 125/150 (standard)
 - ASME B16.5/B16.47 Series A Class 250/300
 - EN 1092-1 PN10
 - EN 1092-1 PN16
 - Other configurations available upon request

MATERIALS OF CONSTRUCTION

See pages 3 - 5 for tube and cover material options.

TEMPERATURE - UP TO 300°F (150°C)

- » Max temperature is based on the lowest temperature of the material selected.



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PRESSURE & VACUUM RATING

PIPE I.D.		STANDARD FACE TO FACE		PRESSURE		VACUUM	
Inch	mm	Inch	mm	psi	bar	in. Hg	mm Hg
1-8	25-200	6	150	250	17.2	26	650
10	250	8	200	250	17.2	26	650
12	300	8	200	250	17.2	12	300
14	350	8	200	130	9	12	300
16-20	400-500	8	200	110	7.6	12	300
22-24	550-600	10	250	100	6.9	12	300
26-40	650-1000	10	250	90	6.2	12	300
42-66	1050-1650	12	300	80	5.5	12	300
68-96	1700-2400	12	300	70	4.8	12	300
98-108	2450-2700	12	300	60	4.1	12	300
110-120	2750-3000	12	300	50	3.4	12	300

* Pressure and vacuum ratings at neutral FF dimension. Extended face to face dimensions result in reduced pressure and vacuum ratings for Style 206 EZ-FLO® expansion joints.

CERTIFICATIONS AND COMPLIANCE

- » ABS Type Approved (2" - 48" ID)
- » ISO 15540 Fire Safe***
- » 10CFR50 Appendix B
- » ASTM F1123 compliant
- » 46CFR56 (USCG)
- » CRN - All provinces (2" - 48" ID)

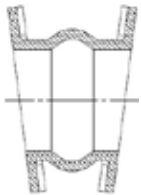
*** Requires use of fire safe cover

MOVEMENT CAPABILITIES

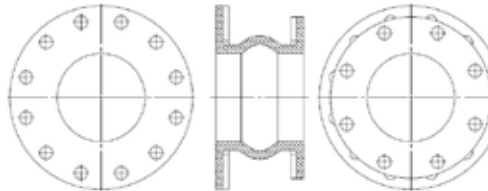
NOMINAL ID		COMPRESSION		ELONGATION		LATERAL	
		inch	mm	inch	mm	inch	mm
1-5	25-125	0.75	19	0.375	10	0.5	13
6-18	150-450	1	25	0.5	13	0.5	13
20-24	500-600	1.125	29	0.5	13	0.5	13
26-40	650-1000	1.25	32	0.5	13	0.5	13
42-120	1050-3000	1.375	35	0.5	13	0.5	13

NOTES: Movements are reduced by half with GUARDIAN® FEP liners. Movements listed are non-concurrent. For concurrent movements, contact Garlock.

OPTIONAL CONFIGURATIONS



Angular Offset



Unique Drill Patterns per flange



Lateral Offset