

Rubber Expansion Joint Style 101

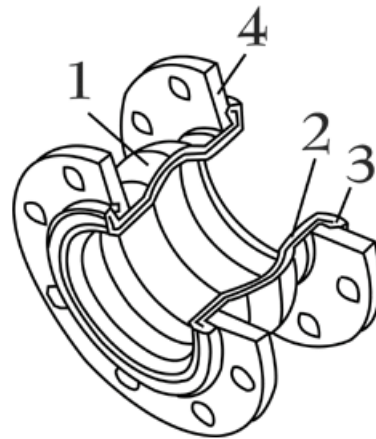


Feature

Four way greater movements provide high level of installation flexibility. Precision molded of synthetic rubber reinforced with nylon tire cord. Excellent ability to absorb vibration and sound, withstand high pressure. Withstand chemical corrosion, to resist acid and ozone attack.

Structure

Item No	Part	Material
1	Body	CR, EPDM, IIR, NBR, CSM, VITON
2	Reinforce	Nylon Cord Fabric
3	Wire	Hard Steel Wire
4	Floating Flange	Mild Steel Zinc Plated RS 37-2, SS304, SS316L



Flanges drilling: Available ANSI B 16.5, DIN 2501, JIS B 2210, BS 4504, AS 2129, ISO 7005, etc. and other standard drilling for your specifications.

Application

Colour Code	Tube In Material	Cover out Material	Application
Blue	Neoprene	Neoprene	Excellent Aging resistance, for alkaline and acid salt solutions and aldehyde.
Red	EPDM	EPDM	Higher temp. ozone resistance, good resilience, bend easier in lower temp, but not suitable oils.
Black	Butyl	Butyl	Lower impermeable; offer ozone, weather, abrasion, chemical resistance.
Yellow	Nitrile	Neoprene	Recommend for oils, greases, petrol, fats, glycol, alcohols, ethers and gas.
White	Nitrile	Nitrile	For drinking water or food grade white color quality up to 150 psi/10 bar at 158 ° F/70 ° C
Green	Hypalon	Hypalon	Ozone resistance sunlight stable, for strong acids, alkalis and chemicals.

WARNING:

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Montero. Failure to select the proper sealing products could result in property damage and/or serious personal injury. Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing. While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice. Montero is a registered trademark for packing, seals, gaskets, and other products of Montero.

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Specification

Nominal Diameter		F	Temp.	Travel mm	Allowable Movement (mm)				Pressure	
Inch	mm	Inch	(° C)		Com- Pression	Extension	Lateral Deflection	Angular Deflection	Positive at 80° C	Vacuum mm Hg
1-1/4"	32	6	- 30 - 120	140-162	20	12	14	15°	225(16)	660
1-1/2"	40	6	- 30 - 120	140-162	20	12	14	15°	225(16)	660
2"	50	6	- 30 - 120	140-162	20	12	14	15°	225(16)	660
2-1/2"	65	6	- 30 - 120	140-162	20	12	14	15°	225(16)	660
3"	80	6	- 30 - 120	140-162	20	12	14	15°	225(16)	660
4"	100	6	- 30 - 120	133-165	20	12	14	15°	225(16)	660
5"	125	6	- 30 - 120	133-165	20	12	14	15°	225(16)	660
6"	150	6	- 30 - 120	133-165	20	12	14	15°	225(16)	660
8"	200	6	- 30 - 120	133-165	25	12	22	15°	225(16)	660
10"	250	8	- 30 - 120	178-219	25	16	22	15°	225(16)	660
12"	300	8	- 30 - 120	178-219	25	16	22	15°	225(16)	660
14"	350	8	- 30 - 120	178-219	25	16	22	15°	150 (10)	660
16"	400	8	- 30 - 120	178-219	25	16	22	15°	150 (10)	660
18"	450	8	- 30 - 120	178-219	25	16	22	15°	150 (10)	660
20"	500	8	- 30 - 120	178-219	25	16	22	15°	150 (10)	660

Operation Conditions

1" to 12" Burst Pressure : 60 Kg/cm², working pressure: 16 kg/cm²
 14" to 20" Burst Pressure : 40 kg/cm², working pressure: 10 kg/cm²
 Large Size Available as request

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