

Mover® Expansion Joint

STYLE 150

The Victaulic Style 150 Mover® is a slip-type expansion joint providing up to 3"/80mm axial end movement. Mover expansion joints permit easy adjustments prior to installation, to accommodate expansion, contraction or both. It is designed for service up to +230°F/+110°C and for working pressures up to 350 psi/2400 kPa; depending on the type of coupling used for installation.

Style 150 is supplied with grooved ends for installation with the use of Style 07 Zero-Flex® rigid couplings or with plain ends for use with Style 99 Roust-A-Bout® couplings.

See 09.06 and 26.02 for design installation information.



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MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-536, grade 65-45-12. Ductile iron conforming to ASTM A-395, grade 65-45-15, is available upon special request.

Housing Coating: Orange enamel. For others, contact Victaulic.

Body, End: Carbon Steel, Schedule 40, conforming to ASTM A-53, Type E or S, Grade B.

Slide: Schedule 40, cold drawn seamless tubing, conforming to AISI 1015 or 1018.

Body/End Coating: Black enamel. For others contact Victaulic.

Slide Coating: Polyphenylene sulfide modified with polytetrafluorethylene (PPS/PTFE).

Gasket Grade: (specify choice*)

- **Grade "E" EPDM**

EPDM (Green color code). Temperature range -30°F to +230°F/-34°C to +110°C. Recommended for cold and hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/ NSF 61 for cold (30°C) and hot (82°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

- **Grade "T" nitrile**

Nitrile (Orange color code). Temperature range -20°F to +180°F/-29°C to +82°C. Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Not recommended for hot water services over +150°F/+66°C or for hot dry air over +140°F/+60°C.

* Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

Bolts/Nuts: Heat-treated plated carbon steel, trackhead meeting the physical and chemical requirements of ASTM A-449 and physical requirements of ASTM A-183.

JOB/OWNER

System No. _____

Location _____

CONTRACTOR

Submitted By _____

Date _____

ENGINEER

Spec Sect _____ Para _____

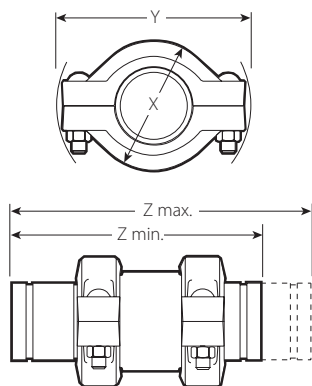
Approved _____

Date _____

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DIMENSIONS



Size		Max. Work. Pressure	Max. Avail. Movement	Dimensions – Inches/mm				Approx. Wgt. Each
Nominal Size Inches mm	Actual Outside Diameter Inches mm	psi kPa	Inches mm	Height X	Width Y	Length Z		Lbs. kg
						Minimum	Maximum	
2	2.375	350	3	3.38	5.50	11.88	14.88	15.9
50	60.3	2410	76.2	86	139	302	378	7.2
76.1 mm	3.000	350	3	4.38	6.75	12.13	15.13	38.0
	76.1	2410	76.2	111	171	308	384	17.2
3	3.500	350	3	4.75	7.25	12.13	15.13	25.6
80	88.9	2410	76.2	121	184	308	384	11.6
4	4.500	350	3	6.25	9.00	14.13	17.13	39.6
100	114.3	2410	76.2	159	229	359	435	18.0
139.7 mm	5.50	350	3	6.25	9.00	14.13	17.13	56.0
	139.7	2410	76.2	159	229	359	435	25.4
5	5.563	350	3	7.12	10.75	14.13	17.13	55.0
125	141.3	2410	76.2	181	273	359	435	24.9
165.1 mm	6.50	350	3	8.63	12.00	16.00	19.00	75.0
	165.1	2410	76.2	219	305	406	483	34.0
6	6.625	350	3	8.63	12.00	16.00	19.00	75.0
150	168.3	2410	76.2	219	305	406	483	34.0

WARRANTY

Refer to the Warranty section of the current Price List or contact Victaulic for details.

NOTE

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

INSTALLATION

Reference should always be made to the I-100 Victaulic Field Installation Handbook for the product you are installing. Handbooks are included with each shipment of Victaulic products for complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

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