

Iso-Flex® HydroSeal-P Expansion Joint System

PRODUCT DESCRIPTION

Iso-Flex Hydroseal-P expansion joint is a durable closed cell ethylene vinyl acetate (EVA) foam seal faced with a NSF approved, chemical resistant polysulfide, and is used to fill horizontal and vertical construction and expansion joints.

Basic Use: HydroSeal-P has been specifically designed to perform under conditions such as those found in vertical and horizontal applications including bridge and parking structure and containment type expansion joints. Hydroseal-P allows for up to 50% movement (+/-25%)

Typical Applications:

- Bridge Expansion Joints
- Control Joints
- Below grade applications
- Parking Structure Expansion joints
- Plaza Decks
- Pre-cast
- Retrofit Joints

Advantages:

- Total movement of 50% (+/- 25%)
- Material sizes can function in a wide variety of joint openings
- Will expand and contract with movement in varied weather conditons
- Consistent depth of product
- Greater ease of installation

Limitations:

HydroSeal-P Expansion Joint Seals will not adhere to surfaces contaminated by oil or grease. HydroSeal-P will conform to variations of contour of materials forming the joint, provided such profile changes are not sudden or extreme. HydroSeal-P must be in at least 25% compression after normal placement in the joint.

Composition and Materials:

HydroSeal-P is a closed cell, ethylene vinyl acetate foam material and factory applied polysulfide sealant facing. Common sizes range from 3/8" to 8" wide, available in exact size to meet joint requirements. HydroSeal-P Expansion Joint Seals are manufactured in standard 5 Ft. sticks. When determining the correct size of HydroSeal-P material to use, simply specify joint size.

Color: Standard Color is Gray.

TECHNICAL DATA

HydroSeal-P does not react with cement, stone, brick, plastics, or metals. HydroSeal-P is unaffected by repeated cycles of expansion and compression. It does not shrink or dry out.

PHYSICAL PROPERTIES (Foam)

Tensile Elongation	250%	ASTM D3575
Tensile Strength	120psi	ASTM D3575
Tear Resistance	21.5 lbs/in.	ASTM D624
Density	10.0 lbs/cuft.	ASTM D3575
Water Absorption	<.02 lbs/sqft	ASTM D3575

POLYSULFIDE SEALANT

Color	Gray
Durometer Hardness, Shore A	25-30
Elongation, Min	500%
Tensile Strength	150-200 psi
VOC	0 gm/L

INSTALLATION

Preparatory Work: Surfaces to be sealed should be sound, dry, clean and free of oil, grease, rust and other foreign material.

Methods: Mix and apply epoxy adhesive to the joint walls. Compress the HydroSeal and position the material in the joint. Lengths of the HydroSeal-P should be spliced by bonded using "Flexible Sealant". Apply a field bead of polysulfide sealant along both interfaces and at all splice locations. See the product "Installation Procedures" for more complete instructions.

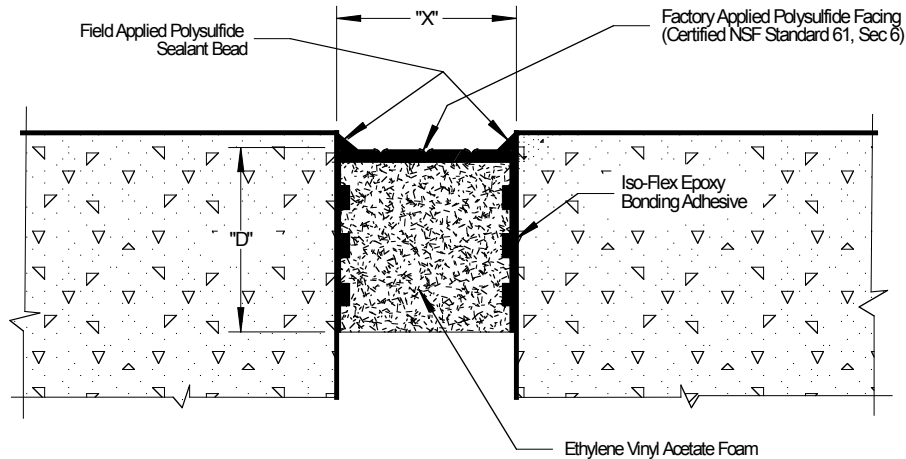
AVAILABILITY AND COST

Availability: HydroSeal-P Joint Seals are available directly from the manufacturer or authorized representatives.

Cost: Current cost information is available from the manufacturer or an authorized representative.

WARRANTY

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.



Product	"X"	"D"	Packaging
HY-P050	0.50	1.00	5 Ft. Stick
HY-P075	0.75	1.00	5 Ft. Stick
HY-P100	1.00	1.00	5 Ft. Stick
HY-P125	1.25	1.00	5 Ft. Stick
HY-P150	1.50	2.00	5 Ft. Stick
HY-P175	1.75	2.00	5 Ft. Stick
HY-P200	2.00	2.00	5 Ft. Stick
HY-P225	2.25	2.00	5 Ft. Stick
HY-P250	2.50	2.00	5 Ft. Stick
HY-P275	2.75	2.00	5 Ft. Stick
HY-P300	3.00	2.00	5 Ft. Stick
HY-P325	3.25	3.00	5 Ft. Stick
HY-P350	3.50	3.00	5 Ft. Stick
HY-P375	3.75	3.00	5 Ft. Stick
HY-P400	4.00	3.00	5 Ft. Stick

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LymTal International, Inc.

4150 South Lapeer Road • Lake Orion, MI 48359 • Tel (248) 373-8100 • Fax (248) 373-3480