

Iso-Flex Precom H-PS

Ultra High Performance Joint Seal

PRODUCT OVERVIEW

Iso-Flex Precom "H-PS" is a precompressed foam seal faced with a NSF Approved, chemical resistant polysulfide, and is used to fill horizontal and vertical construction and expansion joints. Precom "H-PS" has a broad range of applications allowing it to seal against weather, moisture, vapor, air, sound and dust. The internal recovery force allows it to function in stationary and movement joints between similar and dissimilar materials in a wide range of temperatures. Precom "H-PS" adjusts to variations of contour of materials forming the joint, provided such profile changes are not sudden or extreme. Full width of seal must remain under compression in order to provide for a watertight solution. Ideal applications include water treatment facilities, water containment facilities, secondary containment facilities, dike walls and floors, plaza decks and other joints that require a submerged or chemical resistant joint sealing solution. Precom "H-PS" is resistant to gasoline, diesel fuel, solvents, salts, acids, ozone, UV and many other contaminants. Contact manufacturer for specific chemical resistance requirements.

PRODUCT ADVANTAGES

- Design to meet the requirements of horizontal applications
- Allows up to 100% joint movement (+/-50%)
- Precompressed for ease of installation
- Excellent compression recovery
- Certified NSF Standard 61, Sec. 6

LIMITATIONS

- Measure joint gaps every 5 Ft to ensure proper sizing
- Installation range is -10°F to 95°F
- Store material at room temperature
- Store material in a dry area out of direct sunlight
- Do not install in wet conditions
- Do not use scrap material
- Do not unwrap material until ready to install
- Not intended for joints requiring pick resistance

DESCRIPTION

Precom "H-PS" is composed of polyurethane, micro-cell foam impregnated with a hydrophobic, modified polymer sealant compound that is UV stable and chemically resistant. Precom "H-PS" is factory coated with a NSF approved, chemically resistant polysulfid facing. Working under its own constant internal pressure Precom "H-PS" is permanently resilient and will expand and contract with the movement of the joint under any

weather condition. Precom "H-PS" is supplied in precompressed, self-adhesive stick lengths to allow for ease of installation

INSTALLATION

Surfaces to be sealed must be sound, dry, clean and free of oil, grease, laitance, rust and other foreign material that would prevent proper adhesion. Bonding surfaces should be sandblasted or abraded with mechanical grinders. Precom "H-PS" is epoxy bonded in place. Complete installation information is available from LymTal International, Inc.

SHORT FORM SPECIFICATION:

Seal shall be Precom "H-PS" as manufactured by LymTal International, Inc., 4150 S. Lapeer Rd., Lake Orion, MI, 48359. Seal shall be high density, open micro-cell polyurethane foam impregnated with a modified polymer-sealing compound, with a NSF Approved Polysulfide facing that meets ASTM C-920, ANSI A116.1. Seal shall be installed in a pre-compressed state and at the proper size for the selected seal.

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

LymTal International, Inc.

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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.

TECHNICAL SERVICES

Analysis of particular project requirements and recommendations for the proper use of Precom "H-SL" are available from the manufacturer and local representatives. Call 248-373-8100 or fax your detail to 248-373-3480.

PHYSICAL CHARACTERISTICS

Foam Seal

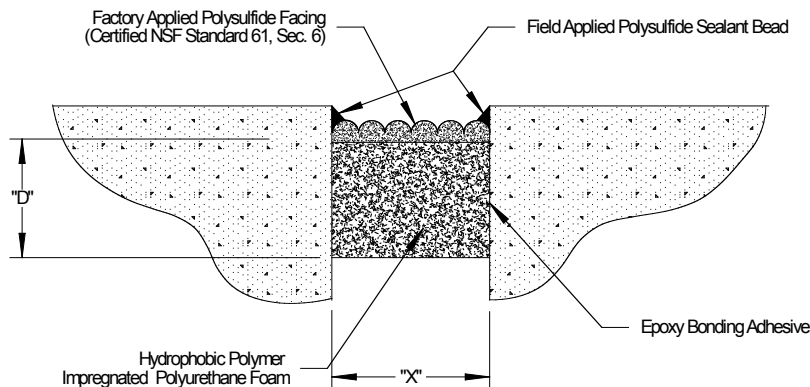
Thermal Conductivity 0.05W/m. °C
 Thermal Resistance ASTM C518, 3.3, hr-°F-ft²/Btu
 Temp. Stability Range -40°F to 185°
 Staining/Bleeding None at 212° F at 20%

Tensile Strength ASTM 3574, 21 psi min.
 Elongation ASTM 3574, 125% ±20%
 Resistance to Compression Set ASTM 3574 Max 2.5%
 Mildew Resistance Excellent
 UV Resistance Excellent
 Staining None -40 to 185° F
 Flash Point 590°F

Polysulfide

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

Product	"X"	"D"	Packaging
H-PS050	1/2	1 1/2	5 Ft. Stick
H-PS062	5/8	1 1/2	5 Ft. Stick
H-PS075	3/4	1 1/2	5 Ft. Stick
H-PS100	1	2	5 Ft. Stick
H-PS125	1 1/4	2	5 Ft. Stick
H-PS150	1 1/2	2	5 Ft. Stick
H-PS175	1 3/4	2	5 Ft. Stick
H-PS200	2	3	5 Ft. Stick
H-PS225	2 1/4	3	5 Ft. Stick
H-PS250	2 1/2	3	5 Ft. Stick
H-PS275	2 3/4	3	5 Ft. Stick
H-PS300	3	3	5 Ft. Stick
H-PS325	3 1/4	3	5 Ft. Stick
H-PS350	3 1/2	3	5 Ft. Stick
H-PS375	3 3/4	3	5 Ft. Stick
H-PS400	4	3	5 Ft. Stick



LymTal International, Inc.