

Iso-Flex Precom PHSL-FR

Watertight, Fire Resistant Joint Seal

PRODUCT OVERVIEW

Iso-Flex Precom "PHSL-FR" is a UL Certified, 2 and 3 Hour fire rated, precompressed foam seal used to fill horizontal and vertical expansion joints. Precom "PHSL-FR", now tested for up to +/-50% movement and 6" nominal gaps, 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 "PHSL-FR" adjusts to gradual variations of the joint gap and provides for an easy switch of sizes where required. Ideal applications include building walls, parking garages, bridge joints, plaza decks, and other joints that require an aesthetically pleasing, water tight, fire resistant joint sealing solution. Precom "HSL-FR" is resistant to gasoline, diesel fuel, solvents, salts, and acids. Contact manufacturer for specific chemical resistance requirements.

PRODUCT ADVANTAGES

- Tested to UL/ULC 2079 for up to +/-50% movement & nominal joint gaps of up to 6"
- Manufactured under strict UL Follow Up Service
- No factory made transitions necessary
- Design to meet the requirements of horizontal or vertical applications
- Precompressed for ease of installation
- Excellent compression recovery
- Factory applied traffic grade silicone on the top side

LIMITATIONS

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

DESCRIPTION

Precom "HSL-FR" is composed of fire retardant, polyurethane, micro-cell foam impregnated with an advanced polymer compound that is UV stable and chemically resistant. Precom "HSL-FR" is factory coated with a traffic grade silicone facing on the top side. Working under it's own constant internal pressure Precom "HSL-FR" is permanently resilient and will expand and contract with the movement of the joint under any weather condition. Precom "HSL-FR" 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 "HSL-FR" is epoxy bonded in place. Complete installation information is available from LymTal International, Inc.

DESIGN REQUIREMENTS:

The Precom HSL-FR material has successfully met the requirements set forth in UL 2079. Additionally the material is manufactured in accordance with the strict UL Follow Up Inspection Procedures. The system has been tested in accordance with the current UL listings. Please consult the Authorities having jurisdiction for a review of the installation parameters in order to ensure that the specific design, including the substrate and fire barrier assemblies, meet the local fire rating requirements.

Colors:

Standard color is dark gray. Other colors available upon request.

Unit Sizes:

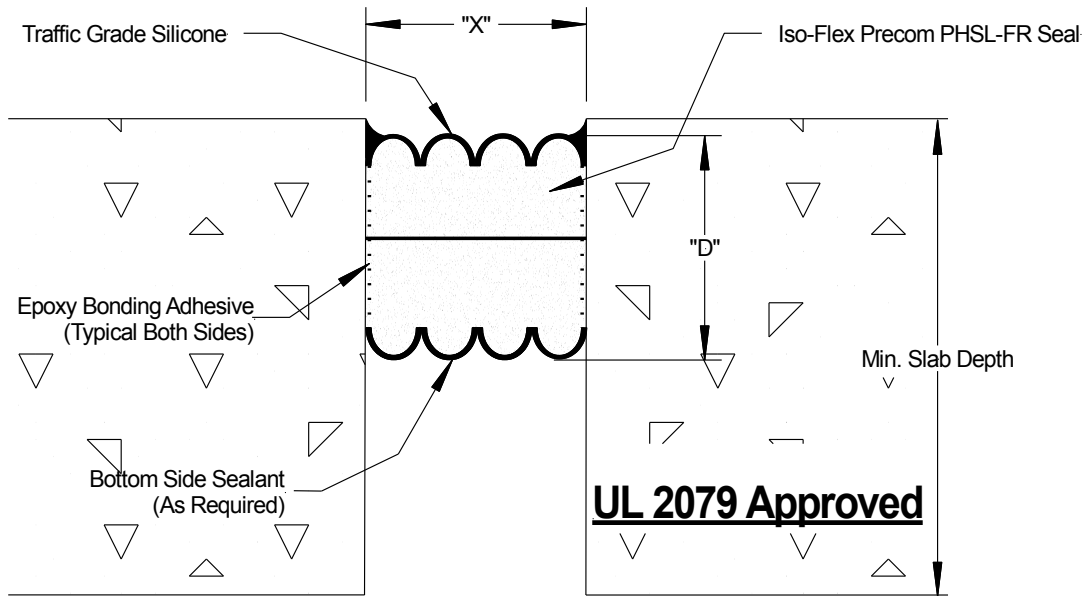
Provided in 6.5 linear foot (2 M) sticks.

TECHNICAL SERVICES

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

LymTal International, Inc.

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



SEAL TYPE	WIDTH "X"	DEPTH "D"	MIN. SLAB DEPTH	SEAL TYPE	WIDTH "X"	DEPTH "D"	MIN. SLAB DEPTH
PHSL-FR 100	1.000	4.000	4.500	PHSL-FR 325	3.250	4.000	4.500
	<i>25.400</i>	<i>101.600</i>	<i>114.300</i>		<i>82.550</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 125	1.250	4.000	4.500	PHSL-FR 350	3.500	4.000	4.500
	<i>31.750</i>	<i>101.600</i>	<i>114.300</i>		<i>88.900</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 150	1.500	4.000	4.500	PHSL-FR 375	3.750	4.000	4.500
	<i>38.100</i>	<i>101.600</i>	<i>114.300</i>		<i>95.250</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 175	1.750	4.000	4.500	PHSL-FR 400	4.000	4.000	4.500
	<i>44.450</i>	<i>101.600</i>	<i>114.300</i>		<i>101.600</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 200	2.000	4.000	4.500	PHSL-FR 450	4.500	4.000	4.500
	<i>50.800</i>	<i>101.600</i>	<i>114.300</i>		<i>114.300</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 225	2.250	4.000	4.500	PHSL-FR 500	5.000	4.000	4.500
	<i>57.150</i>	<i>101.600</i>	<i>114.300</i>		<i>127.001</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 250	2.500	4.000	4.500	PHSL-FR 550	5.500	4.000	4.500
	<i>63.500</i>	<i>101.600</i>	<i>114.300</i>		<i>139.701</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 275	2.750	4.000	4.500	PHSL-FR 600	6.000	4.000	4.500
	<i>69.850</i>	<i>101.600</i>	<i>114.300</i>		<i>152.401</i>	<i>101.600</i>	<i>114.300</i>
PHSL-FR 300	3.000	4.000	4.500				
	<i>76.200</i>	<i>101.600</i>	<i>114.300</i>				

All bold dimensions are inches.

All italicized dimensions are in millimeters

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