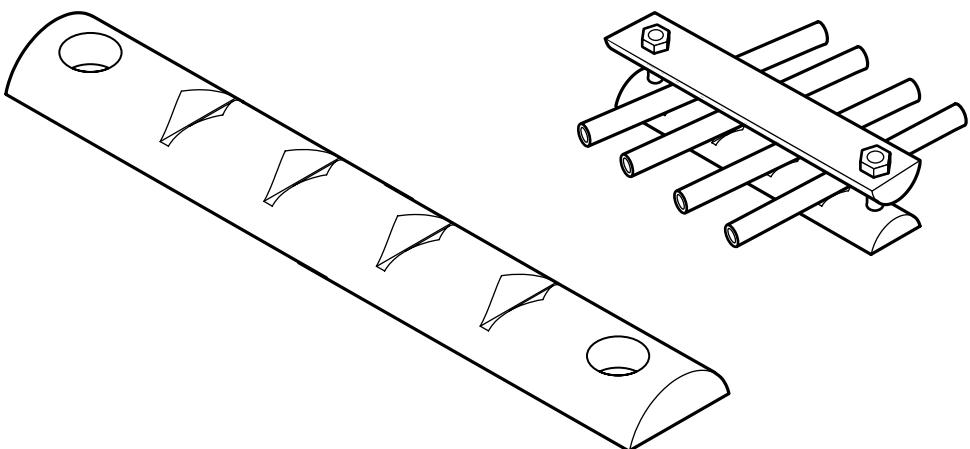


### Notched I-Rod®

#### Notched I-Rod®

Notched I-Rod® is used to keep moisture from collecting in saddles that secure runs of stainless steel tubing. The notches help maintain even spacing between tubes, and the half-round shape of I-Rod® prevents corrosion-causing moisture from becoming trapped against them. I-Rod® is a durable extruded thermoplastic cut into a half-round shape, and is the key component in all of Deepwater's I-Rod® brand pipe supports. Notched I-Rod® is available in lengths of up to 3 feet.

High-temperature versions of I-Rod® (I-Rod HT™) and PEEK (unfilled) are available for harsher conditions. I-Rod HT™ and PEEK have the same dimensions as standard I-Rod, but different specifications.



#### General

I-Rod® thermoplastic is used for notched I-Rod®

#### Property

##### I-Rod

Metric [Imperial]

Density (23°C)

1.41 g/cm<sup>3</sup>

[0.0509 lb/in<sup>3</sup>]

Tensile strength

64.8 MPa [9.4 ksi]

Tensile modulus

2.62 GPa [380 ksi]

Elongation @ break

30-60%

Flexural modulus

2.76 GPa [400 ksi]

Flexural strength

82.7 MPa [13 ksi]

Comp. strength

103 MPa [15 ksi]

Coefficient of friction

0.25

IZOD impact

0.534 J/cm [1 ft-lb/in]

Rock. hardness M/R

88/120

Min. service temp\*

-110°C [-166°F]

Max. service temp

83°C [181°F]

Melting point

168°C [329°F]

Coefficient of linear expan.

97.2 µm/m°C

[54 µin/in°F]

Heat deflection

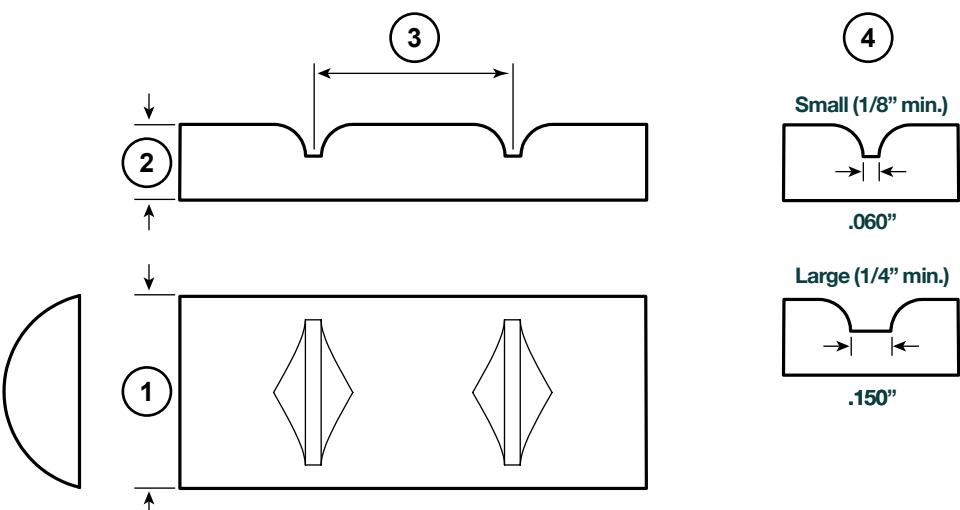
104°C [220°F]

Flammability rating

HB

Dielectric strength

16.5 kV/mm



#### Notched I-Rod® dimensions (in inches)

Max. tube size	(1) I-Rod® Width	(2) I-Rod® Height	(3) Notch center-to-center	(4) Notch size
1/8	3/4	5/16	1/4	Small
1/4	3/4	5/16	3/8	Small
3/8	3/4	5/16	1/2	Small
1/2	3/4	5/16	5/8	Small
5/8	3/4	5/16	7/8	Large
3/4	3/4	5/16	1	Large
1	3/4	5/16	1 1/4	Large

#### Modular Notched I-Rod®

Notched I-Rod® is available in modular form, which allows runs of closely-spaced tubing to be attached to stand-offs of varying heights.

