

High-density Polyethylene (HDPE) Flange Backup Ring

Submittal Information
Revision A: Feb. 25, 2010



Project Information

Job Name:	
Location:	Part No. Ordered:
Engineer:	Date Submitted:
Contractor:	Submitted By:
Manufacturer's Representative:	Approved By:

Technical Data

Material:	Stainless steel
Standard Grade Hydrostatic Ratings:	140°F at 80 psi (60°C at 5.5 bar)
	120°F at 100 psi (49°C at 6.9 bar)
	100°F at 125 psi (38°C at 8.6 bar)
	73.4°F at 160 psi (23°C at 11 bar)
Maximum Recommended Flow Rates:	2" — 41 gpm; 3" — 116 gpm;
	4" — 226 gpm



Product Information and Application Use

Uponor's HDPE Flange Backup Ring is designed for use with HDPE Flange Adapters (B2182000, B1283000 and B1284000) which converts 2", 3" and 4" HDPE tubing to non-ferrous metal pipe.

✓	Description	Part Number	Length	Width	Thickness	Weight
	2" HDPE Flange Backup Ring	B2192000	6.0"	6.0"	0.5"	2.60 lbs.
	3" HDPE Flange Backup Ring	B2193000	7.5"	7.5"	0.5"	4.35 lbs.
	4" HDPE Flange Backup Ring	B2194000	9.0"	9.0"	1.0"	5.75 lbs.

Installation

Connect tubing and fittings through fusion welding. For additional information, refer to the Radiant Floor Heating Installation Handbook.

Standards

ASTM D3350; CSA B137.1; CGSB 41-GP-25M; NSF 14; NSF 61

Codes

NSPC; NPC of Canada

Listings

PPI PE-3408; NSF 14- and 61-certified

Related Applications	Contact Information	
Radiant Heating and Cooling Systems Snow and Ice Melting Systems Permafrost Protection Systems Turf Conditioning Systems	Uponor, Inc. 5925 148th Street West Apple Valley, MN 55124 USA Phone: (800) 321-4739 Fax: (952) 891-2008 www.uponor-usa.com	Uponor Ltd. 2000 Argentia Rd., Plaza 1, Ste. 200 Mississauga, ON L5N 1W1 CANADA Phone: (888) 994-7726 Fax: (800) 638-9517 www.uponor.ca