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WE ARE THE ORIGINATOR OF THE DELTAFLEX® CONVOLUTED BACKING RING. QUALITY YOU CAN COUNT ON.

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**DELTA FLEX BACKING RINGS**

- **Ductile Iron Backing Rings**
  - Styles: Primer Paint, Epoxy Coated, Hot Dip Galvanized (HDG)
  - Sizes: 1/2”- 63” IPS, 1”- 63” DIPS, SDR 7 through 32.5
  - Metric: 63mm - 1600mm; True Metric and Metric ID/ANSI bolt pattern
  - Meets ASTM A536 GR. 65/45/12, Factory Mutual

- **Polypropylene Encapsulated (PPDI) Backing Rings**
  - PPDI Backing Rings are another IPP Exclusive product. Tough, chemical resistant convoluted rings for use when performance is on the line.
  - Glass reinforced polypropylene with A536 ductile iron insert.
  - Sizes: 2”- 36”, SDR 7 and 13.5 ANSI, 42” SDR 11
  - Metric: 63mm - 900mm SDR7; Metric ID/ANSI bolt pattern

- **Stainless Steel Backing Rings**
  - All stainless steel backing rings are made from 316 stainless steel and tested with a Niton Analyzer prior to shipment.
  - Sizes: 1”- 63” IPS, 1”- 63” DIPS
  - Metric: 63mm - 1600mm SDR7, 11 and 13.5 - True Metric dimensions and Metric ID/ANSI bolt pattern
  - Meets ASTM A351-CF8M (316)

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**BACKING RINGS**

- **Plate Steel Rings (IPS)**
  - Material ASTM A36 plate steel with a 45 degree Chamfer/Radius; AIS compliant
  - Sizes: 1”- 63” IPS, 1”- 63” DIPS
  - Metric: 63mm - 1600mm, Metric ID/ANSI bolt pattern
  - Metric pressure ratings and bolt patterns are expressed in “PN”. Various PN’s available and are dependent upon size.
  - “Call for more information on Cast and Stainless Plate Steel, Blinds and Lap Joint Flanges

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**HDPE STRAIGHT LINE FITTINGS**

ALL IPP FITTINGS MEET REQUIREMENTS OF ASTM D2513, ASTM D3261, AWWA C906, NSF 61 AND FACTORY MUTUAL WHERE APPLICABLE.

- **HDPE Flange & Beveled Adapters, Stub Ends**
  - Flange Adapters: 2”- 63” IPS, 18”- 63” DIPS, 450mm - 1600mm
  - Beveled Adapters: 2”- 63” IPS, 18”- 63” DIPS
  - Stub Ends: 2”- 63” IPS, 18”- 63” DIPS, 355mm - 630mm
  - Metric: True Metric dimensions and Metric ID/ANSI bolt pattern

- **Reducers, Wall Anchors & MJ Adapters**
  - Concentric Reducers: 18”- 63” IPS, 18”- 63” DIPS
  - Wall Anchors: 18”- 63” IPS, 18”- 63” DIPS
  - MJ Adapters: 18”- 54” DIPS (with or without inserts), 18”- 54” IPS (with or without inserts)
  - Metric: Available sizes upon request

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