



Master-PROTECT Pipe-bend

PU-lined elbow

Product Details

Construction / Material

- Material of the elbow: Steel DIN 2448 St 37, primed
- Design of the inner layer: coated
- Material of the inner layer: Polyurethane

Properties

- Colour: Colour of lining natural beige
- Other: Lower operating costs due to longer maintenance intervals, lower risk of clogging due to uniform concentration distribution and more constant speed of the material conveyed, many times more wear-resistant than steel bends, Significantly lower pressure losses than in deflection or baffle pots

Operating Temperature

- Temperature Range: -40 - +80
- short-term maximum temperature: peaks to +110°C

Delivery Information

- Delivery, type of production: Order-related production, Nominal widths DN 50 - DN 200

Application Areas

Customizing Options

Article Variants

| Article number | Nominal Size (DN) mm | DN of the flange mm | Outer diameter of the pipe (AD) mm | Nominal pressure (PN) | Radius of curvature of the elbow (A) | Bolt circle | Number of holes |
|----------------|----------------------|---------------------|------------------------------------|-----------------------|--------------------------------------|-------------|-----------------|
| 004107 | 40 | 150 | 43 | 10/16 | 99 | 110 | 4 |
| 004108 | 50 | 165 | 54 | 10/16 | 121 | 125 | 4 |
| 004111 | 65 | 185 | 70 | 10/16 | 140 | 145 | 4 |
| 004112 | 80 | 190 | 82 | 6 | 157 | 150 | 4 |
| 004113 | 80 | 200 | 82 | 10/16 | 165 | 160 | 8 |
| 004119 | 100 | 220 | 107 | 10/16 | 205 | 180 | 8 |
| 004123 | 125 | 250 | 131 | 10/16 | 246 | 210 | 8 |
| 004124 | 150 | 285 | 159 | 10/16 | 284 | 240 | 8 |
| 004126 | 200 | 320 | 207 | 6 | 360 | 280 | 8 |

All data refer to a medium and ambient temperature of +20° C.

Specification of the bending radius related to the inside of the hose bend

Subject to technical changes and colour deviations

Delivery Variants

Available in other lengths, other nominal diameters, with customer-specific customer-specific imprint.

Individual consultation

We offer consultation by phone:
+49 209 97077-112

Product requests via
masterflex.de/en

Address Headquarters

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