Fits all American and International Pipe Sizes
20mm - 1800mm / 1/2 inch to 72 inch

Installation Instructions small pipe diameters

1. Preparing the pipe

The outer surface of the pipe to be concreted in must be cleaned with cloth, steel wool or similar material. Any visible grooves on the plastic pipes must be removed with a scraper on the puddle flanges support. In the case of all pipe materials, the surface of the pipe must be clean, smooth and pore-free (concrete pipes must be smoothed with liquid cement).

2. Installing the puddle flange

Neutral soap or a similar product can be used as an aid when sliding the puddle flange onto the pipe. The puddle flange must be positioned in the middle of the wall to be sealed. The concrete coating must cover every part of the puddle flange to at least 5 cm

3. Installing the clamping band

With the puddle flange installation kit

Fit a clamping band on both sides of the collar and tighten it using a screwdriver or a hexagonal Allen key.

With individual components

2 clamping bands are required per puddle flange:
- up to 200 mm diameter with 1 fastener on the circumference
- above 225 mm diameter with 2 fasteners on the circumference

a) Determine the length of the clamping band (pipe circumference + 115mm) and cut to length.

b) Fold over approx. 5cm of the band and hang it in the fastener's clip.

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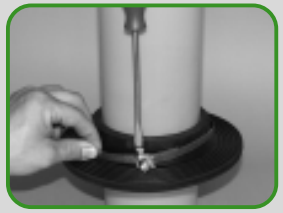
c) Fit the clamping band around the collar and insert the end into the compression bolt.

d) Turn the compression bolt in a clockwise direction using a screwdriver or hexagonal Allen key and tighten the clamp gently until the band is fixed tightly.



4. Ready-installed Puddle flange

PUDDLE FLANGES EDPM RUBBER

1. Preparing the pipe

The outer surface of the pipe must be cleaned and pre-treated in the same way as for puddle flanges 32 to 315 mm diameter. See Page 8, Section 1.

2. Installing the puddle flange

The puddle flange is fitted in the same way as for puddle flanges 32 to 315 mm diameter. See Page 8, Section 2.

3. Preparing the clamping band

A stainless steel clamping band is required at both sides of the walls as well as between the walls. The clamping band is laid in double layer and fastened with a single fastener. The total of 3 fasteners should be fitted at approx. 120° (degrees) from each other. A clamping tool is used for the installation. This tool is available from us for purchase or on loan with a security deposit.

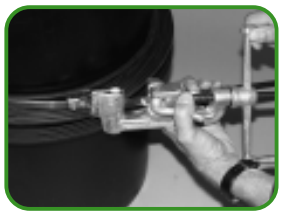
Waterstop for pipe through concrete walls/floors

Installation Instructions Large Pipe

4. Installing the clamping band

a) Use the band directly from the roll. Pull the loop through the band. Double the free end of the band and fit it around the puddle flange, bend it under the fastener and press it flat.

b) Pull the band tight by hand and attach the clamping tool as shown. Press down on the gripping lever with your thumb. The band is tensioned by turning the hand crank. Crank until the band is uniformly tightly fitted on the collar. The collar walls must be vertical.



c) When taut, screw the hexagonal Allen screw into the fastener and tighten it. Any excess band must be cut to approx. 8 cm in length using the tool's cutting device and bent over under the fastener.

5. Ready-installed

Hint:
Puddle flanges can only provide a complete seal on rigid pipes.
Based on experience, the following limitations apply:

- Steel, concrete, cast iron, fibre-reinforced cement, stoneware, GFK ..... 1400 mm Ø
- PE and PP SDR 11 without FRANK fixing point ..... 630 mm Ø
- PE and PP SDR 11 with FRANK fixing point ..... 1400 mm Ø
- PE and PP SDR 17 and SDR 33 without FRANK fixing point ..... 450 mm Ø
- PE and PP SDR 17 and SDR 33 with FRANK fixing point ..... 1400 mm Ø
- PVC without fixing point ..... 500 mm Ø

EDPM puddle flanges for watertight pipe through slabs, walls and floors, water-stops for pipes., Frank Puddle Flanges. USA: Texas, TX; Houston, New York, NY, Illinois, IL, North Dakota, ND, Iowa, IA, Ohio, OH, Michigan, New York, NY, Utah, Arkansas, Kentucky, KC, California, CA, Colorado, Denver, Louisiana, LA, Florida, FL,, Pennsylvania, PA, Wisconsin, WI, Canada, Ontario, Oakville, Toronto, London, Hamilton, Mississauga. Alberta, AB; Edmonton, Fort McMurray Calgary, Medicine Hat, Grande Prairie. Fort St. John, Estevan, fort Smith, Brooks, Blackfalds, Swift Current. British Colombia, BC; Kelowna, Vancouver, Prince Rupert, Kitimat. Saskatchewan, SK, Regina, Saskatoon, Prince Albert, Estevan, Swift Current. Manitoba MB; Winnipeg, Thompson, Quebec, QC; Montreal, Quebec City, Trois-Rivieres, Chebougamau, Sherbrooke, QC; Alberta, Saskatchewan, Manitoba, Quebec, New Brunswick, NS, Newfoundland, NL.