

NEW



DUAL PUDDLE FLANGE



OVERVIEW

The **NEW** Fernco Dual Puddle Flange is engineered to provide robust protection against water leakage and radon gas infiltration in pipe penetrations within poured concrete structures.

Building on the proven performance of its predecessor, this **updated model offers an installer-friendly design** with enhanced sealing capabilities against both infiltration and exfiltration.

During the casting process, the band compresses the rubber body against the pipe, creating a watertight, airtight barrier that effectively blocks water, gases, and hydrocarbons as the concrete cures and shrinks.

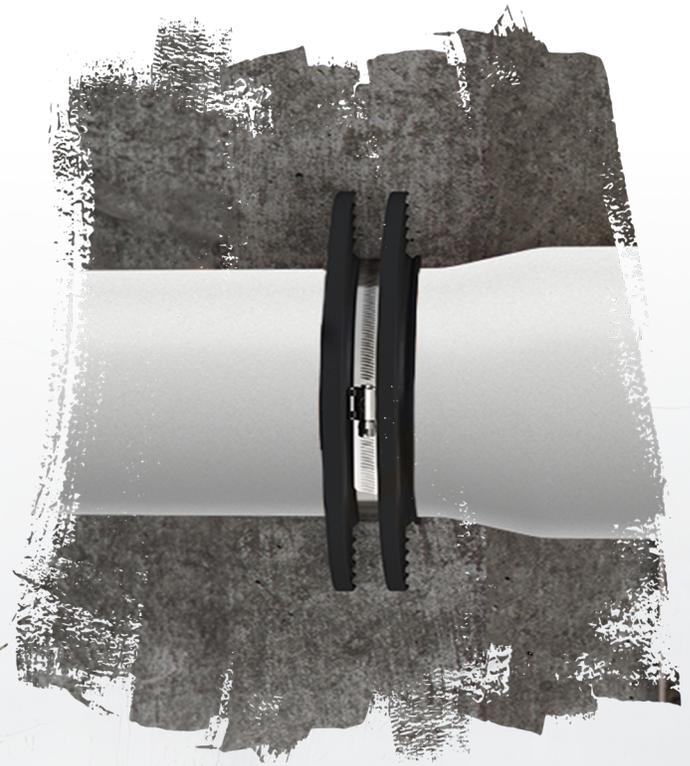
FEATURES

VERSATILE INSTALLATION:

Suitable for both **horizontal** and **vertical** applications, fitting a variety of pipe materials

NEW DESIGN | FASTER INSTALLATION:

Streamlined design simplifies installation, reducing setup time and minimizing hassle



DURABLE CONSTRUCTION:

Made from EPDM rubber and secured with stainless steel bands for long-lasting performance

TEMPERATURE RESISTANT:

Operates effectively within a temperature range of -60°F to 180°F constant and up to 212°F intermittent



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www.fernco.com

NOTES

- Fitted Puddle Flanges have an outside diameter 2" larger than the pipe onto which they are installed (dependent on size). Concrete cover should be 2" against every surface around the Puddle Flange. Waterproof concrete should be used.
- Puddle Flanges are, in some cases, supplied with the inside diameter of the seal smaller than the pipe outside diameter and may have to be stretched over the pipe during installation. In some cases, it is advised that the clamp band can be removed to aid stretching over the pipe.
- Puddle Flanges do not provide axial restraint so they should not be used when axial loading on the pipe is present. The pipe must be fully supported to withstand the concrete pouring process.

PROTECTION AGAINST WATER LEAKAGE

When pipes are cast into a concrete structure, a potential fluid leak path forms as the concrete dries and shrinks away from the pipe surface. Fernco Puddle Flanges serve as a barrier to prevent this fluid movement. A watertight seal is achieved by clamping the rubber body of the flange to the pipe with a steel band, while the wet concrete coats the flange's large surface area. As the concrete cures and shrinks, the flange material compresses and then relaxes, expanding to fill any gaps and maintain a secure, pressure-tight seal.

PROTECTION AGAINST RADON GASES

According to the U.S. Environmental Protection Agency (EPA), Radon (chemical symbol Rn) is an odorless, colorless, radioactive gas. It comes from the natural decay of uranium and radium found in nearly all rocks and soils. Radon can move up from the ground into buildings through openings in floors or walls that are in contact with the ground. Radon can accumulate in buildings and, over time, can pose a serious health hazard.

PART NO.	MIN. PIPE SIZE (INCHES)	MAX. PIPE SIZE (INCHES)
STOCKED		
DPF25	.59	1.0
DPF32	1.01	1.38
DPF40	1.39	1.75
DPF50	1.76	2.20
DPF63	2.24	2.70
DPF75	2.75	3.35
DPF90	3.38	3.99
DPF110	4.00	4.52
DPF125	4.75	5.29
DPF140	5.30	5.99
DPF160	6.00	6.74
DPF175	6.75	7.50
DPF200	7.51	8.40
DPF225	8.41	9.35
DPF250	9.36	10.25
DPF275	10.26	11.25
DPF315	11.26	12.75
DPF325	12.76	13.50
DPF350	13.51	14.35
DPF375	14.36	15.30
SPECIAL ORDER		
DPF400	15.39	16.34
DPF425	16.38	17.32
DPF450	17.36	18.32
DPF500	19.33	20.28
DPF525	20.31	21.26
DPF550	21.30	22.24
DPF575	22.28	23.23
DPF600	23.27	24.21
DPF630	24.25	25.20