



MULTILAYERS
RELENTLESS EXCELLENCE



**PUDDLE
FLANGE**



WHAT IS PUDDLE FLANGE ?

Puddle flange is used to prevent the penetration of water, along external pipe surfaces, of pipes that pass through different kinds of structures made of concrete, such as floor slabs, manhole chambers, tanks, basements, shafts, etc. Puddle flanges are installed during the process of construction and they are a very effective way of sealing the area around the outside of the pipes that pass through different kinds of structures made from concrete. There are a number of benefits to using puddle flanges and some of these are:

01

Ease of installation.

02

Excellent strength.

03

Cost effective.

04

Can withstand heavy loads.

05

**Can be installed in ceilings,
floors and walls.**

WHERE THE PUDDLE FLANGE IS USED?

Puddle flange is extensively used in locations where the pipes have to enter into the walls of overhead tanks, underground tanks, septic tanks etc.



GI , MS & HDG PUDDLE FLANGES

Hot Dipped Galvanized Puddle Flange or GI Puddle Flange, its a zinc coating (silver color) on Puddle Flange for prevented of corrosion and long life. Zinc coating thickness should be more than 70micron which is acceptable.

If corrosion resistance is not a main priority, it is more economical to use galvanized or plain blackpuddle flanges. Steel wall sleeves are often provided with a seamlessly or longitudinal welded flange ring to secure them against water penetration caused by capillary

STAINLESS STEEL PUDDLE FLANGE

A flange is the part that connects the pipe to the pipe. There are holes on the flanges and the bolts make the two flanges close. The flanges is sealed with a cushion. Flange can be divided into threaded connecting flanges and welding flanges.

Stainless steel is usually divided into 304, 304L, 316, 321, 316L and others.



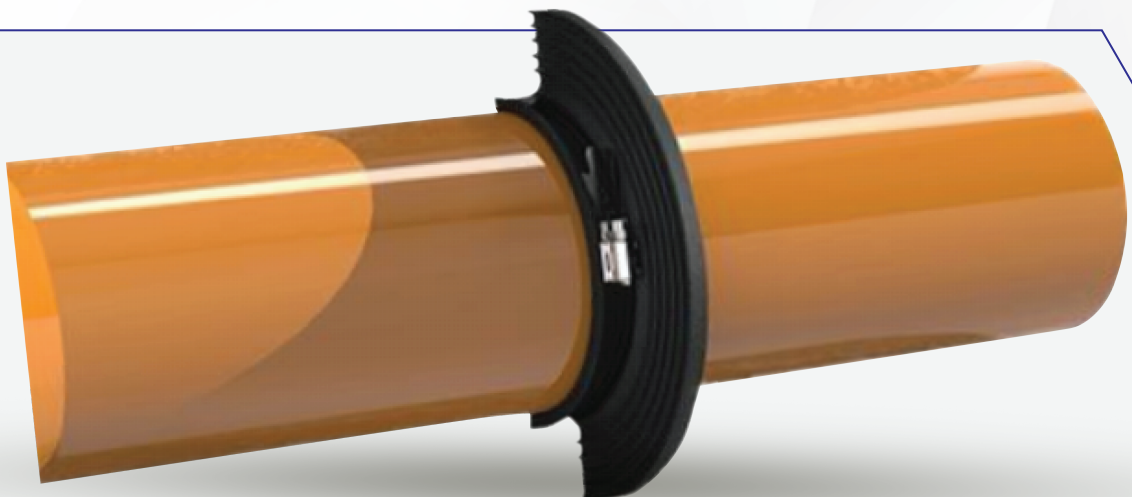
PVC PUDDLE FLANGE

A puddle flange is used where pipes are to be passed through walls, masonry and floor slabs.

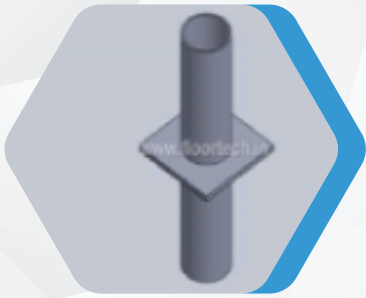
In the case of water, groundwater or elevated groundwater levels near watercourses/rivers,

The puddle flange placed on the pipe in the center of the masonry protects the building against penetrating moisture .

In the case of swimming pools and floor troughs, the wall collar protects against leaking water or the subsoil in front of leaking liquids.

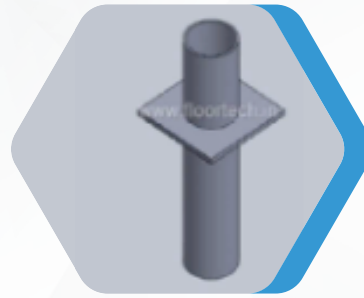


PVC PUDDLE FLANGE



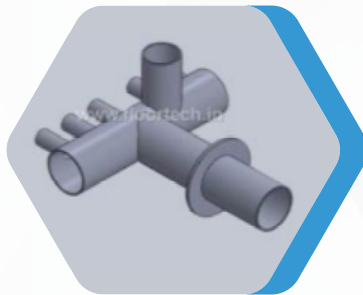
PUDDLE FLANGE WITH CENTER PLATE PUDDLE

In which the flange is located at the center of the pipe.



OFFSET PUDDLE FLANGE

In this flange is attached as per the customer requirement.



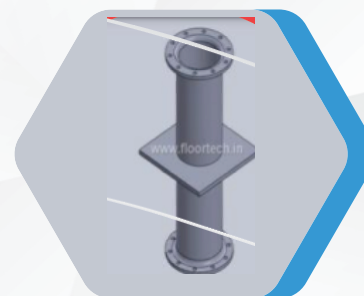
Plenum Puddle flange

In this single inlet mouth and many outlet connections are given.



Floor punching puddle flange

Floor punching puddle flange is used in bathrooms, non-sunken or false ceiling.



Puddle flange with Endcap

In this puddle flange, it will be provided with an end flange.

HDPE PUDDLE FLANGE

“ HDPE PUDDLE FLANGE



HDPE Puddle Flange is used as an indispensable part of HDPE pipelines. Known for its high flexibility level, this puddle flange can be installed quickly and it acts as a cost-effective solution version of pipeline sealing parts. The advanced structure of this flange enables it to endure the damaging effects of radioactive gas.

Moreover, its pressure sealing capacity is higher than ordinary puddle flanges available on the market.

CAST IRON PUDDLE FLANGE



A Cast Iron Puddle Flange has excellent strength that allows them to withstand heavy loads of pressure. These flanges offer a cost-effective solution to most other flange types.

The Concrete Pipe Puddle Flange is designed in deferant sizes

The 4 Types of Cast Iron

01

Grey Cast Iron.

02

White Cast Iron.

03

Ductile Cast Iron.

04

Malleable Cast Iron.



MULTILAYERS
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Puddle Flange

Eng.Name:.....

Company :.....

Phone :

All in One Place



High Quality



Best Price



Fast Supply



Installation



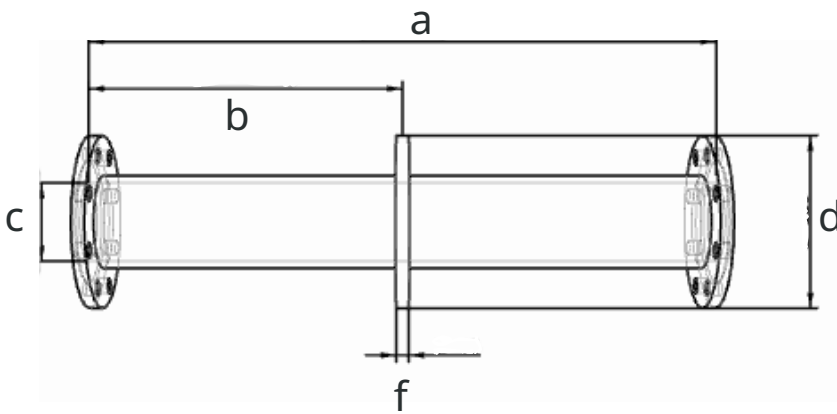


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Puddle Flange

Order Form

Material	One Side	Both Side	Threaded	Sleeve	Notes
HotDippedGalvanized	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
StainlessSteel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PVC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
HDPE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
CastIron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

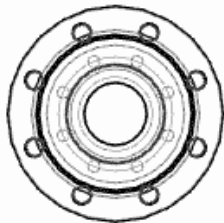


Dimension:

- a : mm
- b : mm
- c : mm
- d : mm
- f : mm

Flange Type:

- ANSI
- DIN



Additional Requirement:

Antivortex Plate :

Air Vent:

Other:

.....
.....

Notes:

ISO 9001:2015



Certificate of Registration

AL TABAQAT METADA FOR TRADING (MULTILAYERS)

P.O. Box 6945, Bldg 4706, Omar Bin Abdul Aziz Road, Ar Rabwa, Riyadh -12816, Kingdom of Saudi Arabia

IN REGARD TO

ISO 9001:2015

Quality Management Systems

For the following scope of activities:

MEP Solutions (Manufacturing & Supply of all kinds of pipes, valves, fittings and accessories for all kinds of construction projects)

INITIAL ISSUE DATE	10 August 2023
LATEST CERTIFICATION DATE	10 August 2023
CERTIFICATE EXPIRY DATE	10 August 2026
SURVEILLANCE AUDIT DUE BY	10 August 2024
CERTIFICATE STATUS	Full

Certificate No.: 14140550

Authorised Signature
For QA Certification



To check this certificate status visit: www irqao.com

Certified that this is an accredited certificate authorised for issue by **QA Certification** against defined criteria and in cognisance of ISO 17021:2015 'Conformity Assessment - Requirements for bodies providing audit and certification of management systems'. This certificate and its accredited status is only valid when confirmed by the register listed in the International Register of Quality Assessed Organisations: www irqao.com

This certificate is the property of QA Certification.

ISO 14001:2015



Certificate of Registration

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IN REGARD TO

ISO 14001:2015

Environmental Management Systems

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CERTIFICATE STATUS	Full

Certificate No.: 14140551

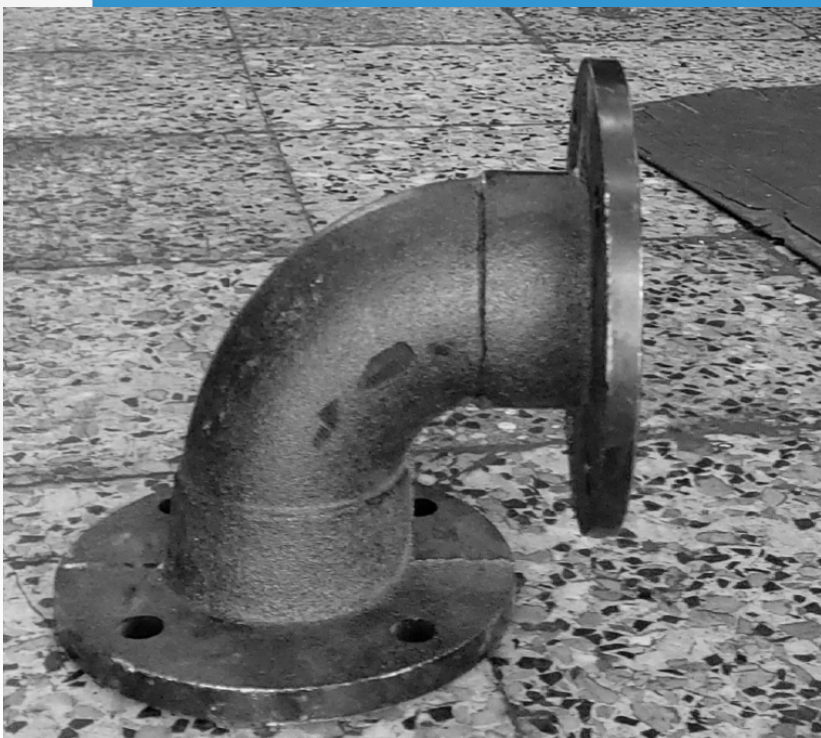
Authorised Signature
For QA Certification



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