CASECORE



CaseCore
Dual Rubber Puddle

Ø 20- 1400 MM

Ultimate Solutions.
Intelligent Delivery.

PRODUCT INFORMATION

The **CaseCore Dual Rubber Puddle Flange** is a premium cast-in-place waterproofing solution designed to create a permanent hydrostatic seal around carrier pipes passing through concrete walls and base slabs. Featuring a dual-sealing EPDM rubber profile, it provides enhanced protection against water ingress while delivering long-term durability in demanding underground and civil infrastructure applications.

Specifically engineered for plastic and corrugated plastic pipe systems, the broad sealing profile and soft EPDM compound conform to irregular pipe surfaces, ensuring a secure seal without slipping between corrugations. Ideal for new construction projects, the CaseCore Dual Rubber Puddle Flange offers a simple, reliable and cost-effective alternative where wall sleeves, core-drilled penetrations or adjustable mechanical seals are not practical.

KEY PROPERTIES

Property	Specifications
Material	Premium EPDM Rubber
Service Temperature	Up to +120°C
Minimum Temperature	-40°C
Elongation at Break	≥500%
Hardness	45 ± 5 Shore A
Tensile Strength	9.5 N/mm²
Sealing Type	Dual Rubber Sealing Profile
Water Tightness	Hydrostatic Seal
Water Stop Rating	W2-E (DIN 18533-1)
Radon Tight	Yes
Fastening System	Stainless Steel Strap
Installation Method	Cast into Concrete
Recommended Concrete Cover	Minimum 40 mm (Waterproof Concrete)

KEY FEATURES

- Dual-sealing EPDM profile provides enhanced protection against water ingress
- Designed specifically for plastic and corrugated plastic pipe systems
- Secure hydrostatic sealing compliant with W2-E requirements (DIN 18533-1)
- Broad sealing profile prevents movement between pipe corrugations
- Soft EPDM rubber conforms to irregular pipe surfaces for improved sealing performance
- High-quality EPDM rubber provides excellent flexibility and long-term durability
- Stainless steel fastening strap ensures secure installation
- Radon-tight construction for underground infrastructure applications
- Fast installation using a single stainless steel strap
- Suitable for a wide range of civil, utility and infrastructure projects
- Cost-effective cast-in waterproofing solution for new concrete construction

APPLICATIONS

The CaseCore Dual Rubber Puddle Flange is designed for hydrostatic sealing of cast-in concrete pipe penetrations in a wide range of applications, including:

- Water transmission pipelines
- Wastewater and sewer infrastructure
- Stormwater drainage systems
- Building foundations and retaining walls
- Concrete walls, floors and base slabs
- Pump stations
- Water and wastewater treatment plants
- Underground tanks and reservoirs
- Manholes and chambers
- Utility and infrastructure projects
- Plastic and corrugated pipe penetrations

Ideal for applications where wall sleeves or core-drilled penetrations cannot be installed and a permanent cast-in waterproof seal is required.

PRODUCT CODES

Product Code	OD Type in mm	Steel Band
RPFWC-0025	25	1
RPFWC-0032	32	1
RPFWC-0040	40	1
RPFWC-0050	50	1
RPFWC-0063	63	1
RPFWC-0075	75	1
RPFWC-0090	90	1
RPFWC-0100	100	1
RPFWC-0110	110	1
RPFWC-0125	125	1
RPFWC-0140	140	1
RPFWC-0150	150	1
RPFWC-0160	160	1
RPFWC-0175	175	1
RPFWC-0200	200	1

Product Code	OD Type in mm	Steel Band
RPFWC-0225	225	1
RPFWC-0250	250	1
RPFWC-0315	315	1
RPFWC-0355	355	1
RPFWC-0400	400	1
RPFWC-0450	450	1
RPFWC-0500	500	1
RPFWC-0560	560	1
RPFWC-0630	630	1
RPFWC-0710	710	1
RPFWC-0800	800	1
RPFWC-0900	900	1
RPFWC-1000	1000	1
RPFWC-1200	1200	1
RPFWC-1400	1400	1