CASECORE



CaseCore
Rubber Puddle Flange

Ø 20- 1400 MM

Ultimate Solutions.
Intelligent Delivery.

PRODUCT INFORMATION

The **CaseCore Rubber Puddle Flange** is a high-performance cast-in-place water stop that creates a permanent waterproof barrier around pipes and grounding conductors passing through concrete walls, floors and base slabs. Manufactured from premium EPDM rubber, it prevents water ingress by forming a secure seal within the concrete structure.

Ideal for new construction projects, the CaseCore Rubber Puddle Flange is commonly used where wall sleeves or core-drilled penetrations are not practical or where an adjustable mechanical seal is unnecessary. Suitable for a wide variety of pipe materials and grounding applications, it delivers long-term sealing performance for civil, water, wastewater, industrial and infrastructure projects.

Designed for fast installation and reliable hydrostatic sealing, the CaseCore Rubber Puddle Flange provides pressure resistance of up to 5.0 bar, while also offering excellent flexibility, durability and resistance to ageing.

PRODUCT RANGE

The **CaseCore Rubber Puddle Flange** range is designed to provide a permanent watertight barrier for cast-in concrete pipe penetrations. Manufactured from premium EPDM rubber, it prevents water ingress where pipes or grounding conductors pass through concrete structures.

The range includes **two variants**:



CaseCore Rubber Puddle Flange – Flat Steel Strip

Designed to provide a reliable waterproof seal around **flat steel strip grounding conductors** cast into concrete structures, making it ideal for earthing and lightning protection applications.



CaseCore Rubber Puddle Flange – Steel Wire

Designed for round **steel wire and carrier pipe penetrations,** providing a permanent waterproof barrier where pipes, grounding conductors or steel wire pass through concrete walls and base slabs.

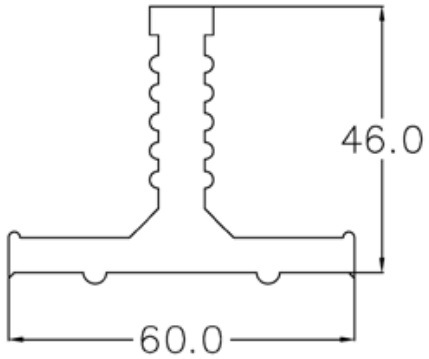
KEY FEATURES

- Provides a permanent watertight barrier for cast-in concrete penetrations
- Pressure rated up to 5.0 bar
- Suitable for both pipe penetrations and grounding conductors
- Available in Flat Steel Strip and Steel Wire configurations
- Manufactured from high-quality EPDM rubber for long-term durability
- Excellent flexibility with high tear and elongation resistance
- Stainless steel fixing straps provide secure installation
- Suitable for a wide range of metallic and plastic pipe materials
- Radon-tight design helps protect underground structures
- Fast and straightforward installation
- Ideal for foundations, retaining walls, floors and base slabs
- Cost-effective alternative where wall sleeves or adjustable mechanical seals are not practical

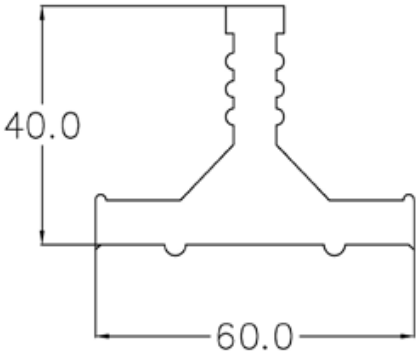
KEY PROPERTIES

Property	Flat Steel Strip	Steel Wire
Sizes Available	• 30 × 2 mm Flat Steel Strip • 30 × 3 mm Flat Steel Strip • 30 × 5 mm Flat Steel Strip	20 mm to 1400 mm
Material	High-quality EPDM Rubber	
Operating Temparature	-40°C to +75°C	
Minimum Temperature	-40°C	
Pressure Rating	Up to 5.0 bar	
Elongation at Break	≥500%	
Hardness	45 ± 5 Shore A	
Tensile Strength	9.5 N/mm²	
Water Tightness	Yes	
Radon Tight	Yes	
Installation Method	Cast into Concrete	
Fastening System	Stainless Steel Straps	
Recommended Concrete Cover	Minimum 40 mm (Waterproof Concrete)	

OD 8 mm up to incl. 630 Ø



> OD 630 Ø





PRODUCT CODES

Product Code	OD Pipe in mm	Range		PU
		From Pipe OD	To Pipe OD	
RPFD-2520	20/25	18	25	100
RPFD-0032	32	29	32	90
RPFD-0040	40	38	42	90
RPFD-0050	50	48	53	70
RPFD-0063	63	60	64	70
RPFD-0075	75	71	80	50
RPFD-0090	90	84	32	40
RPFD-0100	100	95	105	30
RPFD-0110	110	108	116	25
RPFD-0125	125	120	130	20
RPFD-0140	140	135	148	20
RPFD-0160	160	154	166	15
RPFD-0170	170	166	171	12
RPFD-0180	180	175	190	12
RPFD-0200	200	195	210	10
RPFD-0225	225	215	230	10

Product Code	OD Pipe in mm	Range		PU
		From Pipe OD	To Pipe OD	
RPFD-0250	250	245	260	10
RPFD-0280	280	275	290	10
RPFD-0315	315	310	327	10
RPFD-0355	355	350	365	10
RPFD-0400	400	395	410	10
RPFD-0450	450	440	460	10
RPFD-0500	500	495	515	10
RPFD-0560	560	555	580	10
RPFD-0630	630	625	650	12
RPFD-0710	710	705	735	
RPFD-0800	800	795	830	
RPFD-0900	900	895	930	
RPFD-1000	1000	995	1030	
RPFD-01200	1200	1195	1240	
RPFD-01400	1400	1395	1450	

Other Dimensions on request

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