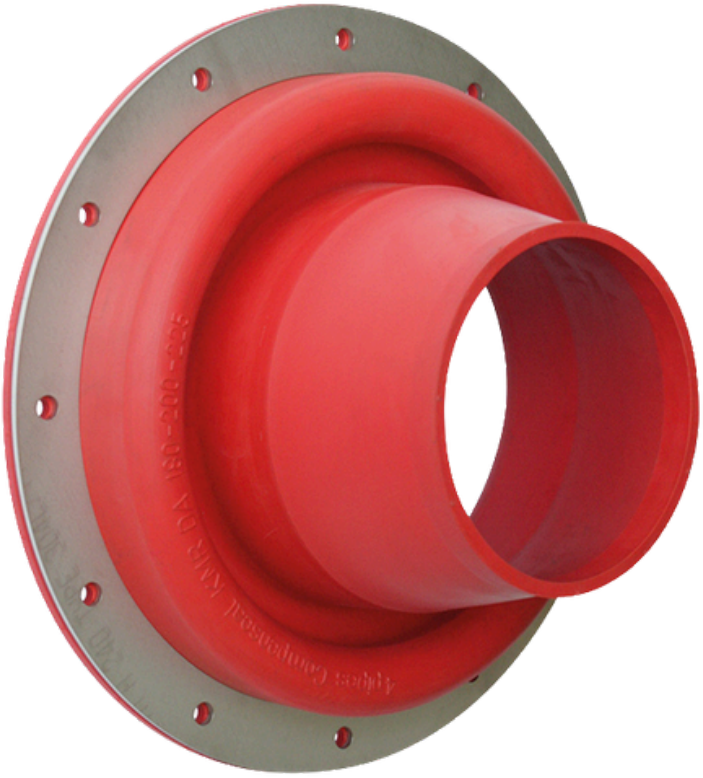
CASECORE



CaseCore Compenseal

Ultimate Solutions.
Intelligent Delivery.

PRODUCT INFORMATION

The **CaseCore Compenseal** is a high-performance flexible sealing collar designed to provide a reliable watertight seal for pipe penetrations where movement is expected. Manufactured from premium EPDM elastomer, it accommodates axial and radial pipe movement while maintaining a secure seal against external water pressure.

Ideal for new installations and retrofit applications, the CaseCore Compenseal is engineered to absorb pipe movement caused by thermal expansion, ground settlement and structural movement. It is the ideal solution for pre-insulated pipe penetrations through walls, floors and concrete structures where long-term flexibility and sealing performance are essential.

APPLICATION

The **CaseCore Compenseal** is designed for pipe penetrations exposed to movement and is suitable for a wide range of applications, including:

- Pre-insulated district heating and cooling pipelines
- Building wall penetrations
- Floor and ceiling penetrations
- Concrete walls and base slabs
- Water and wastewater infrastructure
- Utility and service penetrations
- Industrial process pipelines
- Infrastructure projects where pipe movement is expected

KEY FEATURES

- Designed to accommodate axial and radial pipe movement of up to ±40 mm
- Compensates for ground settlement and structural movement
- Maintains a reliable watertight seal under external water pressure up to 1.0 bar
- Premium EPDM elastomer provides excellent flexibility and long-term durability
- Ideal for pre-insulated district heating and cooling pipe penetrations
- Suitable for wall, floor and ceiling penetrations
- Stainless steel pressure plates and fastening components provide long-term corrosion resistance
- Supplied as a complete installation kit for fast and efficient installation
- Suitable for both new construction and retrofit applications
- Easy to install and maintain

CaseCore Compenseal steel strap width 20 mm for pipe size OD 75 mm up to 280 mm, Torque value 10 N

CaseCore Compenseal stainless steel straps used for pipe sizes up OD 315 mm, Torque value 10 Nm

KEY PROPERTIES

Property	Specifications
Carrier Pipe Outside Diameter	75 mm – 800 mm
Core Hole Diameter	150 mm – 900 mm
Material	EPDM Elastomer
Pressure Plate	V2A Stainless Steel
Water Pressure Rating	Up to 1.0 bar
Axial Pipe Movement	±40 mm
Radial Pipe Movement	±40 mm
Subsidence / Sag Compensation	Up to 40 mm*
Operating Temperature	Up to +90°C
Recommended Installation Temperature	+5°C to +35°C
Material Thickness	8 mm ±1 mm
Hardness	60 ±5 Shore A
Elongation at Break	≥400%

*Dependent on the carrier pipe outside diameter and core hole dimensions.

COMPLETE INSTALLATION KIT

The **CaseCore Compenseal** is supplied as a complete installation kit, including:

- EPDM Flexible Sealing Collar
- One-Component Polyurethane (PU) Sealant
- Stainless Steel Fastening Straps
- 12 mm Stainless Steel Hex Head Screws
- 14 mm Wall Dowels

This complete package provides everything required for a fast and professional installation.

PRODUCT CODES

CaseCore Compenseal for wall penetrations of moving or setteling pipelines.Pressure tight up to 1,0 bar Expansion ± 40 mm possible Prices incl. stainless steel fastening straps, screws, dowels and special adhesive.

Product Code	Pipe OD in mm	max. core drilled hole Ø in mm	OD wall flange in mm
CCCP-20050	KMR DA 75-90-110	150/200	350
CCCP-20051	KMR DA 125-140-160	200/250	400
CCCP-20052	KMR DA 180-200-225	300	450
CCCP-20053	KMR DA 250-280-315	350/400	565
CCCP-20054	KMR DA 355-400	450/500	565
CCCP-20055	KMR DA 450-500	550/600	750
CCCP-20056	KMR DA 560-630	650/700	880
CCCP-20057	kMR DA 710-800	800/900	1050
CCCP-20058	KMR DA 670	800	950

Other dimensions on request.
Hex Head screws M12 mm DIN 571 – Dowels 14 mm – Thickness of seal 8 mm ± 1 mm

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