



CaseCore End Seal Closed and Open

Ø 16-90 MM



Ultimate Solutions.
Intelligent Delivery.

PRODUCT INFORMATION

The CaseCore End Seal is a flexible elastomeric casing end seal engineered to close the annular space between the carrier pipe and casing pipe at both ends of the casing. By preventing the ingress of water, dirt and other contaminants, it helps maintain a dry casing environment and reduces the risk of corrosion and premature pipeline deterioration.

Manufactured from durable neoprene rubber with stainless steel fastening straps, the CaseCore End Seal provides a long-lasting and cost-effective sealing solution for both new construction and retrofit applications. Its conical design allows it to accommodate a wide range of pipe combinations, while custom sizing ensures an accurate fit for almost any carrier pipe and casing pipe configuration.

For specialised applications, a high-temperature silicone rubber version is also available upon request.

PRODUCT RANGE

The CaseCore End Seal range is designed to provide a reliable, non-pressure sealing solution for the annular space between the carrier pipe and casing pipe. Manufactured from high-quality elastomer, the seals help prevent the ingress of water, soil, debris and other contaminants while protecting the carrier pipe from corrosion and extending the service life of the pipeline.

The range includes two product variants:

- **CaseCore End Seal Closed**

A one-piece conical end seal designed for new installations where the carrier pipe can be installed through the seal before final assembly.

- **CaseCore End Seal Open**

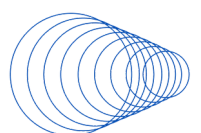
A split conical end seal designed specifically for retrofit applications where the carrier pipe has already been installed. The bonded joint allows quick installation without disconnecting the pipeline.

APPLICATIONS

The CaseCore End Seal is suitable for sealing the annular space between carrier pipes and casing pipes in a wide range of civil and utility infrastructure applications, including:

- Water transmission pipelines
- Wastewater and sewer pipelines
- Stormwater infrastructure
- Gas pipelines
- Utility crossings
- Road and railway crossings
- Horizontal Directional Drilling (HDD)
- Industrial process pipelines
- New pipeline installations
- Retrofit casing seal applications

Note: The CaseCore End Seal is designed for non-pressure sealing applications. For pressure-rated installations, a dedicated pressure sealing system should be specified.



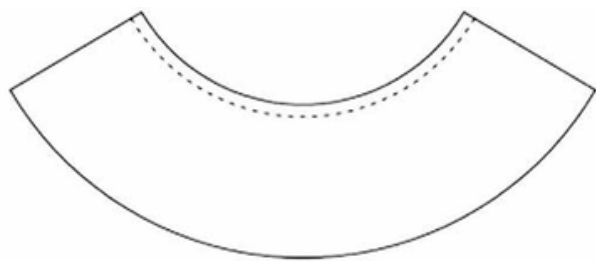
KEY PROPERTIES

Property	CaseCore End Seal Closed	CaseCore End Seal Open
Carrier Pipe Diameter	DN 25 – DN 1300	
Casing Pipe Diameter	DN 37.5 – DN 3000	
Seal Type	One-Piece Conical Seal	Split Conical Seal
Material	Neoprene Rubber	
Material Thickness	2 mm	
Fastening System	Stainless Steel Straps	
Retrofit Installation	No	Yes
New Installations	Yes	
Operating Temperature	-30°C to +70°C	
Optional Material	+5°C to +35°C	
Material Thickness	Silicone Rubber	-
Silicone Temperature Range	-50°C to +200°C	-

KEY FEATURES

- Prevents water, dirt and debris from entering the casing pipe
- Helps maintain a dry casing environment to reduce the risk of carrier pipe corrosion
- Flexible conical design suits a wide range of pipe combinations
- Custom manufactured for virtually any carrier pipe and casing pipe size
- Available in Closed and Open (Split) configurations
- Open version enables fast retrofit installation without disconnecting the pipeline
- Durable neoprene rubber provides excellent flexibility and weather resistance
- Stainless steel fastening straps provide secure, corrosion-resistant installation
- High-temperature silicone rubber option available for specialised applications
- Cost-effective sealing solution for civil, utility and industrial infrastructure

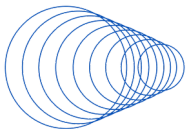
TRIMMING GUIDE



If the CaseCore End Seal Closed or CaseCore End Seal Open internal diameter is too small for the carrier pipe, the inner edge of the seal can be carefully trimmed on site using a sharp knife or scissors.

As a guide, removing approximately 20 mm from the inner edge will increase the seal diameter by approximately 13–20 mm.

Important: To ensure an effective seal, the internal diameter of the CaseCore End Seal should remain approximately 2–5% smaller than the outside diameter of the carrier pipe. This provides a tight, wrinkle-free fit and helps maintain optimum sealing performance.



● PRODUCT CODES

CaseCore End Seal for wall penetrations of moving or settling pipelines. Pressure tight up to 1,0 bar Expansion $\pm$ 40 mm possible Prices incl. stainless steel fastening straps, screws, dowels and special adhesive.

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

Other dimensions on request.

Hex Head screws M12 mm DIN 571 – Dowels 14 mm – Thickness of seal 8 mm $\pm$ 1 mm

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