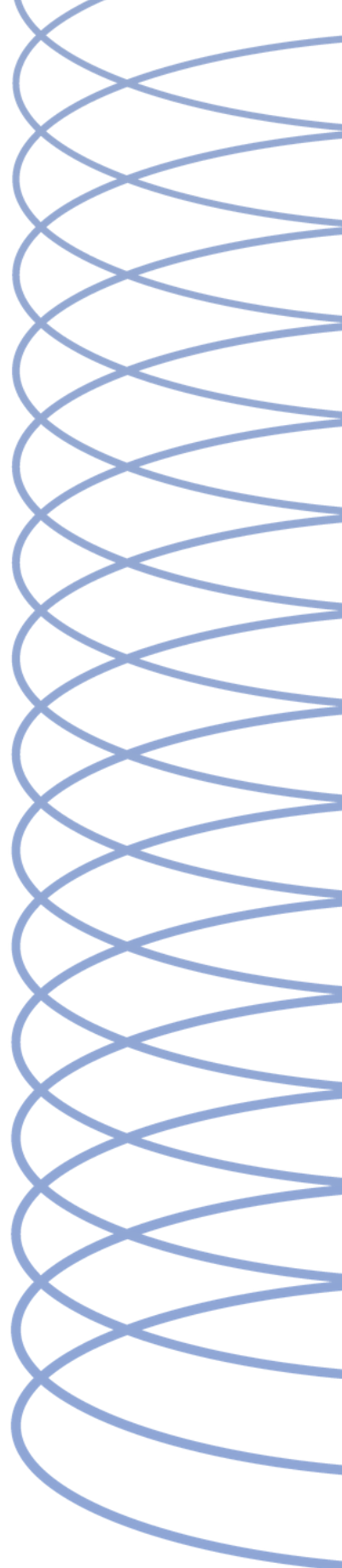




CaseCore AKT/AWM End Seal



Ultimate Solutions.
Intelligent Delivery.



PRODUCT INFORMATION

The **CaseCore AKT/AWM End seal** is moulded from high quality EPDM rubber. Its conic shape allows flexible field-cutting to suit a range of carrier pipe diameters from a single seal size. The AWM version ships wave-shaped and unfolds to the conic sealing profile on installation.

CaseCore AKT/AWM seals cover carrier pipe sizes up to 800 mm OD across just seven standard sizes, which keeps stockholding simple for distributors and sales partners. Operating temperature range is -40°C to +120°C.

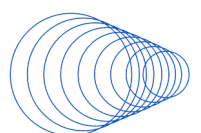
The seal provides a pressure-less seal of the annular space between casing pipe and carrier pipe, keeping the inside of the casing pipe dry and protecting the carrier pipe from corrosion. It suits both new pipeline construction and retrofit onto existing cased crossings. It is not designed for pressure-tight applications — the source datasheet notes a separate type (KMR) is used where the annular space seal itself needs to hold pressure.

KEY FEATURES

- Conic profile is field-cut on site, so one seal size fits a range of carrier pipe diameters instead of needing an exact factory match
- Only seven standard sizes cover carrier pipes up to 800 mm OD, which cuts down what needs to sit in stock
- Keeps the annular space between casing and carrier pipe dry, protecting the carrier pipe from corrosion
- Suits both new installations and retrofit onto existing casing pipe where no seal was fitted, or the original has failed
- Straightforward mechanical fit — no special tools, just the supplied adjustable stainless steel straps
- AWM sizes ship in a compact, wave-shaped form for easier transport and storage, then unfold to their full conic sealing shape during installation
- Rated across a wide temperature band, -40°C to +120°C

APPLICATIONS

- Cased pipeline crossings — road, rail, or waterway crossings where a carrier pipe runs inside a casing pipe
- Sealing the annular space at the casing pipe end to stop dirt and moisture reaching the carrier pipe, the main corrosion risk in these installations
- New pipeline builds
- Retrofit work on existing casing pipe
- Not suited to applications where the annular space itself needs to hold pressure — that calls for a pressure-tight seal type such as KMR



KEY PROPERTIES

Property	Detail
Material	Moulded EPDM rubber
Function	Pressure-less seal of the annular space between casing pipe and carrier pipe
Profile	Conic; AWM sizes supplied wave-shaped, unfolding to conic on installation
Carrier pipe range	Up to 800 mm OD
Casing pipe range	Approx. 135 mm OD (AKT, smallest) to 810 mm OD (AWM, largest)
Operating temperature	-40°C to +120°C
Fixing method	Two adjustable stainless steel straps per seal (AWM), sized for largest and smallest carrier pipe diameters
Pressure Rating	Pressure-less only — not for pressure-tight annular spaces
Standard sizes available	7
Manufacturing quality	Produced under a DIN EN ISO 9001:2015 certified quality system

PRODUCT CODES



Product Code	Type / Dimension code	DN Equivalent
CCES-18090	AKT 135/110-0	125/100-0
CCES-18091	AKT 215/165-0	200/125-0



Product Code	Type / Dimension code	DN Equivalent
CCES-18092	AWM 320/270-63	300/250-50
CCES-18093	AWM 402/350-80	400/350-80
CCES-18096	AWM 495/445-80	500/450-80
CCES-18094	AWM 610/508-160	600/500-150
CCES-18095	AWM 810/710-273	800/700-250

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