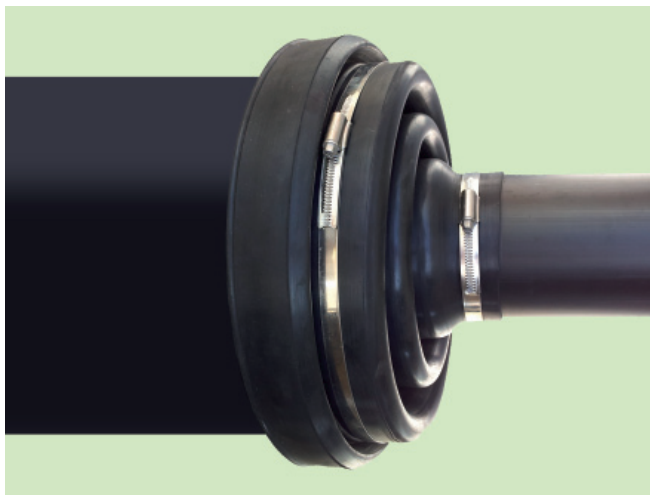


End Seals 4 pipes

End seals Type AKT/AWM



End seals AKT/AWM are made of high quality moulded EPDM-rubber. The conic shape of the seal allows a flexible cutting on various pipe diameters. The innovative AWM-seal although the cone is wave-shaped when delivered. AKT/AWM seals are available for a carrier pipes size up to 800 mm. Having only a small number of sizes makes storage easy for our distributors and sales partners..

Operational temperature from -40°C up to +120°C

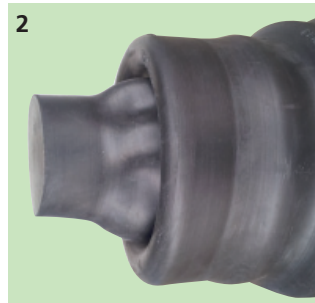
End seals Type AKT/AWM – Sizes

Dimensions in mm casing1/casing2 - min. OD carrier pipe	DN	Art.-No.
AKT 135/110-0	125/100-0	18090
AKT 215/165-0	200/150-0	18091
AWM 320/270-63	300/250-50	18092
AWM 402/350-80	400/350-80	18093
AWM 610/508-160	600/500-150	18094
AWM 810/710-273	800/700-250	18095

Installation

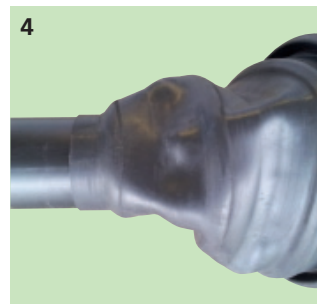
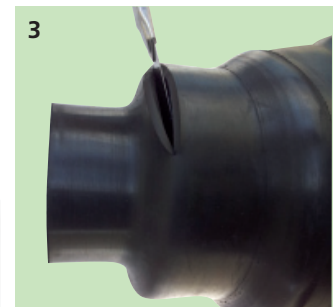


1. The end seal type AWM comes with two stainless steel straps. The steel straps are adjustable individually for the largest as well as smallest pipe diameters.



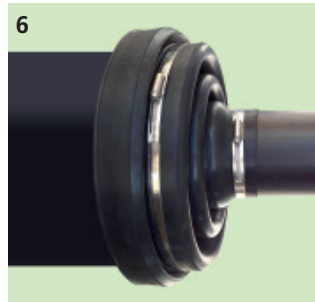
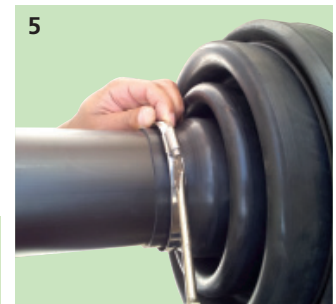
2. Pull the AWM seal over the carrier pipe until the contour of the pipe clearly begins to show (elasticity of the seal about 10 %). Thereby the AWM-seal unfolds to a conic shape which balances the eccentricities of the carrier pipe well.

3. Cut seal around carrier pipe's end.



4. After that, push AWM-seal over carrier pipe and casing pipe.

5. After pushing the AWM-seal over both pipes, move the rubber seal into annular space for protection.



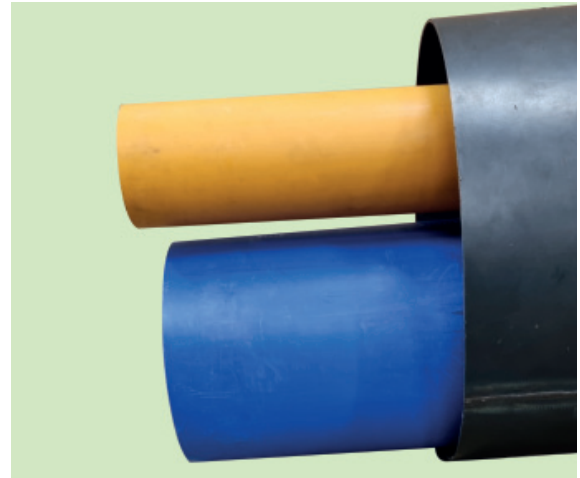
6. To conclude, fix AWM seal to the carrier pipe and casing pipe using steel straps.

Installation guide

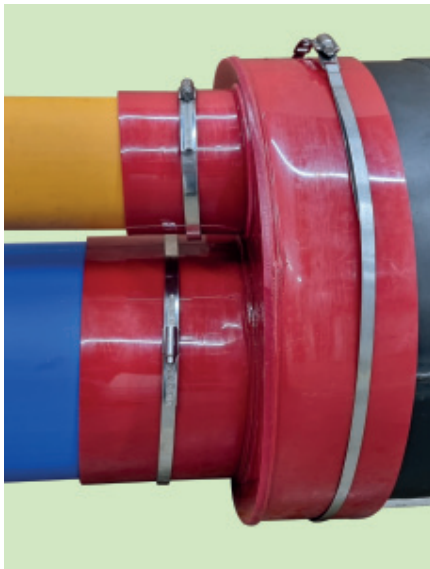
Casing End Seals 4 pipes



1. The casing end seal is supplied with a stainless steel tightening strap for the casing pipe and a stainless steel tightening strap for each carrier pipe opening.



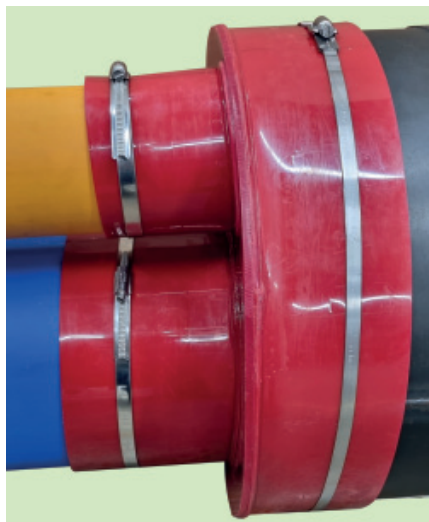
2. Clean casing pipe and carrier pipes.



3. Pull casing end seal over carrier pipes and casing pipe, afterwards put the supplied tightening straps in place over the corresponding pipes.



4. Fasten the casing end seal on the carrier pipes and the casing pipe with the tightening straps.



5. Correctly installed casing end seal type ASTM.

Application Instructions

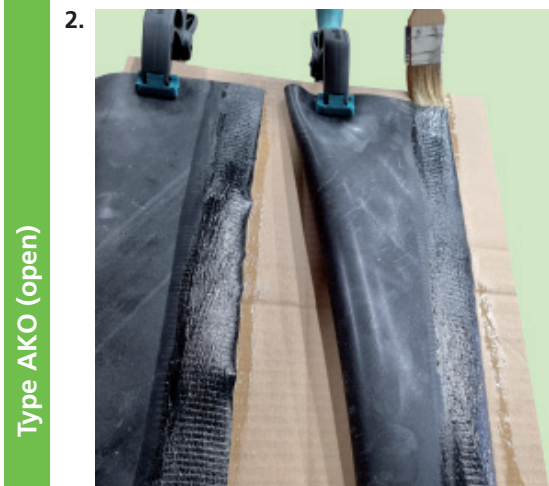
Casing End Seals - Type AKO and Type AKG

Type AKG see point 5 and 6



The AKO casing end seal has to be prepared on a clean surface, with its two tapered bonding strips facing upwards.

Attention: The bonding strips have to be clean, dry and free of grease.



The bonding strips (width approx. 30mm) are thinly coated with the adhesive provided. The adhesive requires approx. 10 - 15 minutes to dry. A finger test is a reliable way to ensure the correct drying time; the adhesive should feel dry but still sticky.



After the adhesive on the bonding strips has dried sufficiently, the AKO end seal is wrapped around the carrier pipe.

Attention: The larger end of the casing end seal should point in the direction of the casing pipe.



Align the two bonding strips over each other and press them firmly together.

Hint: Use a pressure roller or a small wooden block to apply pressure evenly with an up and down motion.



The larger end of the casing end seal is pulled onto the casing pipe until it is tightly in position. A stainless steel tensioning strap is then used to hold the end seal in place on the casing pipe.



After that, the end seal should be tucked in and then fastened securely to the carrier pipe using another stainless steel tensioning strap.