



Repico®

1. Repico® types

Repico® G Repico® S Repico® SG



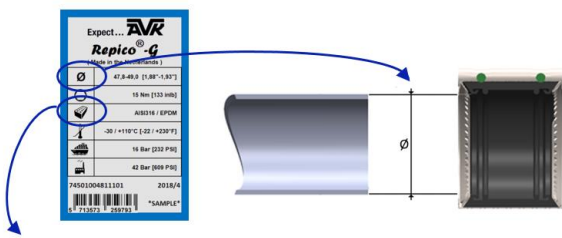
Grip

Slip

Slip-Grip

2. Installation conditions

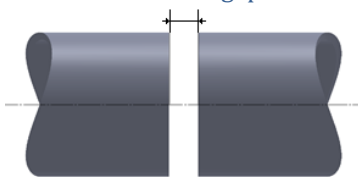
2.1 Check label



Check pressure rate!

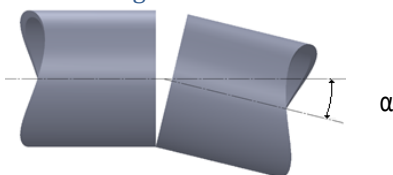
Gasket	
EPDM	-30 °C ↔ +110 °C
NBR	-25 °C ↔ + 80 °C
Silicone	-70 °C ↔ +200 °C
Viton	-30 °C ↔ +250 °C

2.2 Maximum gap



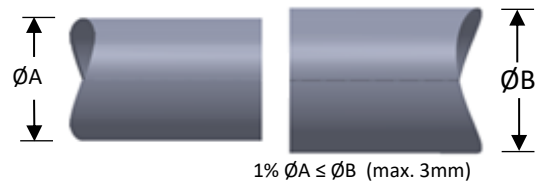
C_{max}	
DN15 ↔ DN65	0 ↔ 8mm
>DN80	0 ↔ 15mm

2.3 Angular deflection



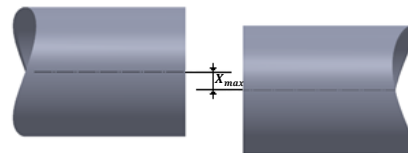
α_{max}	
DN15 ↔ DN50	5°
DN65 ↔ DN175	4°
>DN200	2°

2.4 Diameter



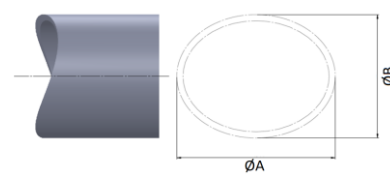
$$1\% \phi A \leq \phi B \text{ (max. 3mm)}$$

2.5 Misalignment



$$X_{max} \leq 1\% \phi \text{ (max. 3mm)}$$

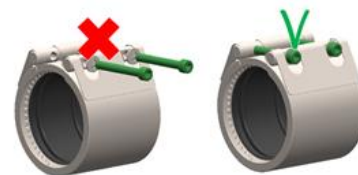
2.6 Ovality



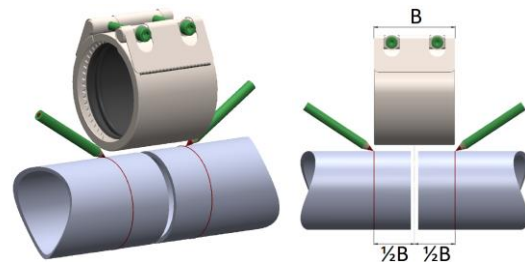
$$A > B: \leq 2\% \text{ (max. 5mm)}$$

3. Preparations

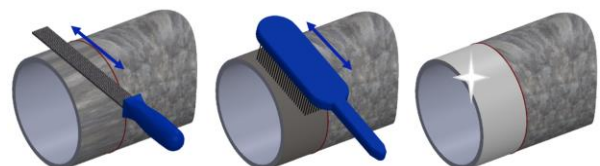
3.1 Loosen bolts



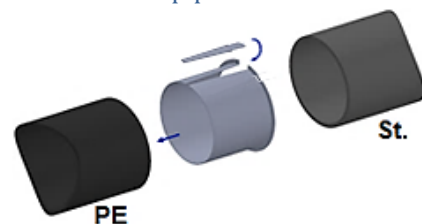
3.2 Mark pipe



3.3 Clean pipe



3.4 Insert - PE pipe





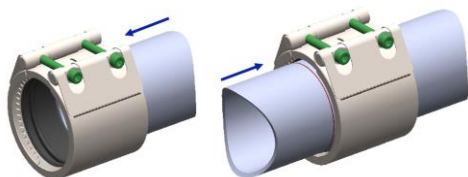
AVK REPICO® Coupling

Mounting instructions

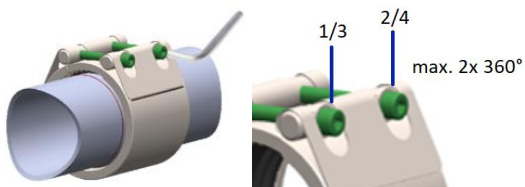
Series 745

4. Assembly

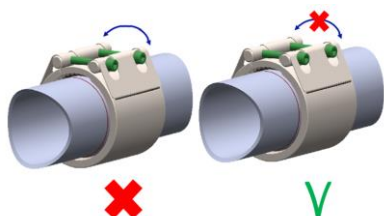
4.1 Slide



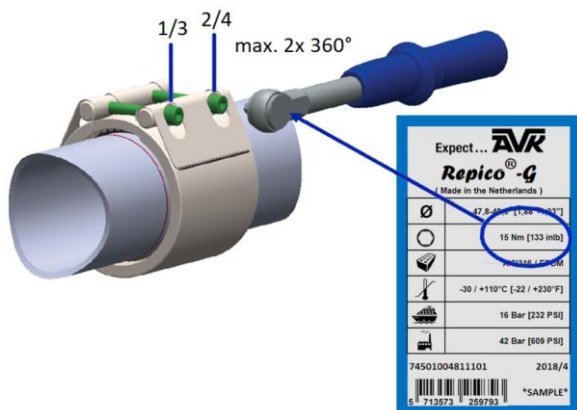
4.2 Tighten partial



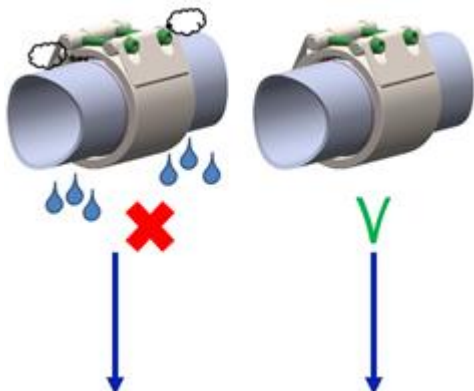
4.3 No rotating



4.4 Apply torque



4.5 Leakage control (look and smell)

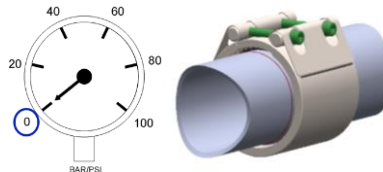


5. Dissassembly
3. Preparations
4. Assembly

Done ✓

5. Disassembly

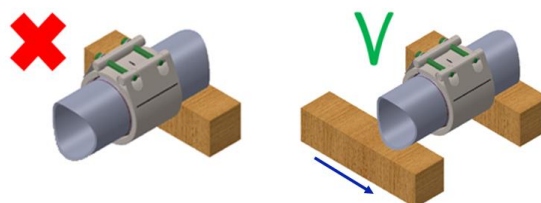
5.1 Unpressurized



5.2 Careful - leakage



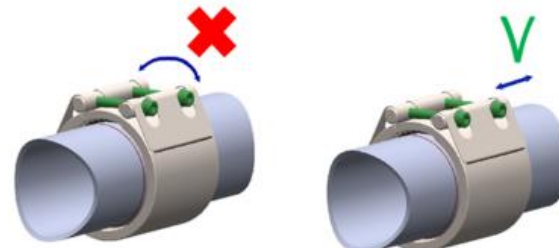
5.3 Support pipe



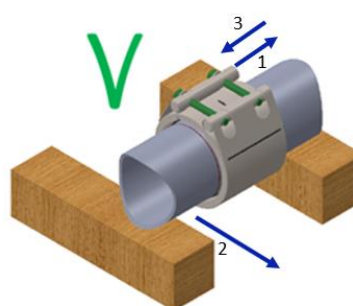
5.4 Loosen bolts



5.5 Slide, no rotating



5.6 Removal



Expect... **AVR**