

Screw-threaded joint

5.2.5 Screw-threaded joint



Illustration 5.36

The Akatherm screw threaded joint can be used in both pull-tight and not pull-tight joints.

NOT PULL-TIGHT JOINTS

In this case the pipe or fitting is inserted directly into the joint.

Joining process:

- **Cut pipe square and remove burr**
- **Disassemble screw threaded joint**
Yellow protection cap is no longer needed.
- **Assemble joint and insert pipe**
Push the nut, washer and seal (in this order) over the pipe and insert the pipe end into the threaded piece completely. Tighten nut.
The washer prevents damage to the seal and delivers an even pressure onto the joint.

PULL-TIGHT JOINTS

In combination with the flange bushing a pull-tight joint can be made.

Joining process:

- **Cut pipe square and remove burr**
- **Disassemble screw threaded joint**
Yellow protection cap and washer are no longer needed.
- **Assemble joint an insert pipe**
Push the nut over the pipe before butt-welding the flange bushing onto the pipe. After welding everything can be assembled.
The flange bushing prevents damage to the seal and delivers an even pressure onto the joint.