

S16 Compression couplings

Supreme



The S16 compression coupling from Supreme is recognisable from the blue nut with KIWA certification. It is used with PE lines and pipes (ZPE, LDPE, PE63, PE80, PE100) for drinking water applications.

The range includes various versions including straight coupling, reducing coupling, T-piece, elbow, end coupling and flange coupling. This coupling has an advanced "lip ring". The "lip ring" guarantees optimum sealing on the pipe or line.

APPLICATION

Drinking water and agricultural sector

CHARACTERISTICS

- ✓ Extensive certification
- ✓ Broad product spectrum

INSTALLATION & MAINTENANCE

1. Cut off the pipe at an angle (preferably by shearing or cutting) and clean.
2. Above 75 mm we recommend chamfering of the pipe end.
3. Back off the nut by 3 to 4 turns.
4. Push in the pipe up to the first resistance (seal), then push in up to the stop.
The total insertion depth can be marked on the pipe as a guide.
5. Tighten the nut by hand. For larger sizes (> 40mm), mechanical Supreme wrenches may be used.

Note: Do not use soap-based products during assembly.

TECHNICAL DATA

Nut colour	: blue
Material	: PP-B (polypropylene - housing and nut) : POM (polyacetal copolymer - grip ring) : NBR (sta) : EPDM or NBR (seal) : Stainless steel AISI430 (reinforcement ring; only on some female connections)
Max. pressure	: 16 bar (see table)
Temperature range	: -10 / +45°C (with decreasing max. pressure; see table)
Certification	: KIWA (Netherlands) : DVGW / KTW (Germany) : IIP (Italy) : WM (Australia) : FDA (USA)
Diameters	: 16 - 110 mm : ½" – 4" BSP (male and female gas thread) : Flanged connection : 2" (50 / 63 mm), 2½" (75 mm), 3" (90 mm) and 4" (90 / 110 mm)

Maximum working pressure (bar) vs. temperature (°C)

Temperature	-10 /+25 °C	+26/+35 °C	+36/+45 °C
	(bar)	(bar)	(bar)
PN	16	12,5	10