

S10 Compression couplings

Supreme



In addition to the well-known S16 compression coupling with KIWA certification, Netafim also supplies the agricultural S10 compression coupling from Supreme. This is recognisable from the black nut and is used for PE lines and pipes (LDPE, PE63, PE80, PE100) for agricultural applications. The range comprises various versions including straight coupling, reducing coupling, T-piece, elbow, end coupling and flange coupling. This series of couplings has an advanced "lip ring". The "lip ring" guarantees optimum sealing on the pipe or line.

APPLICATION

Agricultural sector

CHARACTERISTICS

- ✓ Compression coupling
- ✓ 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 (> 40 mm), mechanical Supreme wrenches may be used.

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

TECHNICAL DATA

Nut colour	: black
Material	: PP-B (polypropylene - housing and nut) : POM (polyacetal copolymer - grip ring) : EPDM or NBR (seal) : Stainless steel AISI430 (reinforcement ring; only on some female connections)
Max. pressure	: 10 bar (see table)
Temp. range	: -10°C to +45°C (with decreasing max. pressure; see table)
Diameters	: 16 - 110 mm : ½" – 4" BSP (male and female gas thread) : Flanged connection : 2" (50 / 63 mm), 2½" (63 / 75 mm), 3" (75 / 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	10	7,5	5