

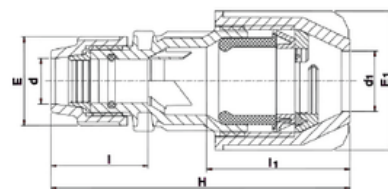
METRIC UNIVERSAL COUPLING

The Plasson Metric Compression Universal Adaptor is designed to connect different pipe materials such as steel, copper, and PVC within the OD range. Made from polypropylene, it features a unique Captive O-Ring for a watertight seal. Rated PN16 and Watermark-approved, it is suitable for potable water, recycled water, compressed air, and industrial applications and is UV, chemical, and corrosion-resistant.



FEATURES AND BENEFITS

- Connect different pipe materials - Suits any pipe material within the OD range including Steel, Copper and PVC pipe
- Heavy Duty Polypropylene material
- Unique Captive O-Ring creates a watertight connection
- Rated to PN16 for water - High pressure applications
- Suitable for potable water (AS/NZS 4020), Watermark approved AS/NZS 4129:2020
- Suitable for water, recycled water, compressed air, and other industrial applications
- UV, chemical and corrosion resistant
- Impact and abrasion resistant
- O-rings and grip rings with higher chemical resistance available



Product Code	Size d (PE) x d1 (Universal)	E	E1	I	I1	H	Bag	Carton	W	PN
7017001	25 x 15 - 22	54	64	58	80	165	1	90	183	16
7017002	25 x 20 - 27	54	71	58	85	170	1	80	216	16
7017003	32 x 20 - 27	54	83	58	90	180	1	60	281	16
7017004	25 x 27 - 35	64	71	67	85	180	1	70	240	16
7017005	32 x 27 - 35	64	83	67	90	195	1	60	312	16
7017006	50 x 35 - 50	96	121	93	125	270	1	20	901	10

Suitable for PE, PVC, PP, PB, Gal and copper pipes with outside diameter that suits the fitting size range.

TECHNICAL SPECIFICATIONS

- Body: Polypropylene, high-grade copolymer.
- Nut: Polypropylene, high-grade copolymer.
- Grip Ring: Acetal POM (CPVC also available).
- Seal: NBR or EPDM (FPM also available).
- Reinforcing Ring: Stainless steel on all female off-takes from 1" up to 4".
- Bolts (160mm fittings): Plated steel.
- Nuts (160mm fittings): Stainless steel.

INSTALLATION

Before installation ensure that the end of the pipe to be inserted into the fitting is free of scratches and other imperfections and that both the pipe and the fitting itself are clean of sand, mud, stones etc. Do not over tighten nut when closing. Never use wrenches or spanners with handle lengths longer than 46 cm - excessive torque during tightening can spread nut cone and result in pull outs. If fittings are reused, Plasson recommend replacing the grip ring with a new one. Refer to individual installation instructions.

THREADS

- All threads conform to ISO-7/1 (BSPT),
- BS 21 - 1973, DIN 2999, NEN 3258, AS 1722 Part 1 - 1975.
- All internal (female) threads smaller than 3" are parallel (Rp).
- All other threads (male and female) are tapered (R).
- Plasson recommend the use of PTFE tape in threaded

CHEMICAL RESISTANCE

PLASSON Fittings are supplied, as standard, with polyacetal split rings and NBR O-rings which are suitable for water. For aggressive chemical applications CPVC split rings and EPDM or FPM O-rings can be supplied to produce a higher chemical resistance.

OPERATING TEMPERATURES

Refer to the PIPA POP013 guidelines.
 Link: <https://shorturl.at/jDKWZ>

QUALITY CERTIFICATES

Plasson fittings are tested and approved according to ISO 17885 (replaced ISO 14236), water and AS/NZ 4129.