

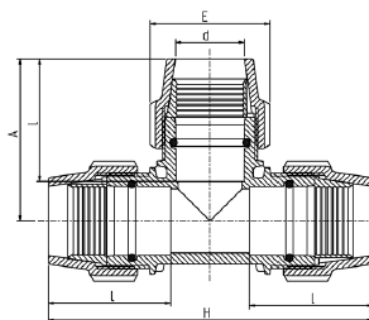
METRIC 90° TEE

The Plasson 20mm Metric Compression Tee is made using heavy-duty polypropylene and a unique Captive O-Ring for a watertight seal. Rated to PN16 for water, it's ideal for both potable and recycled water, compressed air, and other industrial applications. Watermark-approved, compact, and UV, chemical, and corrosion-resistant, it is suitable for tight spaces, and is available with optional enhanced O-rings.



FEATURES AND BENEFITS

- 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
- Compact design for tight spaces
- O-rings and grip rings with higher chemical resistance available



Product Code	Size d x d x d	E	H	I	A	Bag	Carton	W	PN
7040001	16 x 16 x 16	39	126	50	63	10	220	83	16
7040007	20 x 20 x 20	48	145	56	73	10	120	141	16
7040008	25 x 25 x 25	54	156	58	78	5	100	173	16
7040009	32 x 32 x 32	64	185	67	93	5	60	285	16
7040010	40 x 40 x 40	82	221	86	111	1	40	501	16
7040011	50 x 50 x 50	96	252	95	126	1	25	741	16
7040012	63 x 63 x 63	113	294	110	146	1	16	1215	16
7040013	75 x 75 x 75	132	353	132	177	1	8	1890	16
7040014	90 x 90 x 90	154	439	165	220	1	5	3161	16
7040015	110 x 110 x 110	181	583	194	292	1	2	5584	16

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 offtakes from 1" up to 4".
- Bolts (160mm fittings): Plated steel.
- Nuts (160mm fittings): Stainless steel.

QUALITY CERTIFICATES

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

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://pipa.com.au/technical/pop-guidelines/>

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.