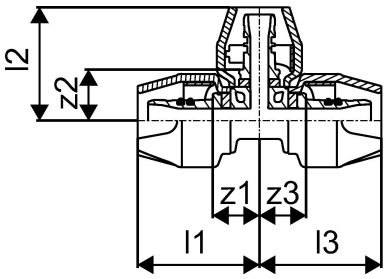
Uponor RTM tee reducer PPSU 20-16-20

1048553



About Uponor RTM tee reducer PPSU

Specification

-Uponor RTM fittings are designed to be tool independent and work with selected Uponor pipes to create perfect pipe connections. They are quick to use, secure, and result in a long-lasting, leak-free joint. RTM fittings work perfectly for tap water and heating/cooling application.
-With audible joint identification and 360° visual inspection window. Colour coded Tension Ring spacers for fitting size identification. Fittings are manufactured from Polyphenylsulfone Radel R5100 (PPSU) with 2 EPDM sealing rings to BS EN 681-1 for each connection. Threaded female fittings are BSP 'Rp' type to BS EN 10226-1:2004, male type threads are 'R' type to BS EN 102261:2004. Flat sealing washers are from CNAF compressed fibre.
-Installation and tooling, for manufacturer's warranties to apply, all products must be installed to Uponor's latest installation instructions (refer to Uponor UK for the latest version)
All installers should hold a current manufacturer's training certificate of not more than two years old.
Correct tooling, as approved by Uponor should be used at all times. All tools should be regularly maintained, calibrated and be of good serviceable quality (safety training MUST be sought).
-All pressure testing must be carried out by a competent person. Any pressure testing should first be proceeded by an initial visual inspection of the complete pipe system and equipment.
-Uponor multi-layer pipe systems should be pressure tested in accordance with BS EN 806-4:2010-06 to part 6.1.3.2 procedure A, or Water Regulation (Water Fittings) 1999, using potable cold water accordance with to BS EN 13443-1 before the system is operational.
The maximum test pressure should be 1.1 times MDP at a maximum temperature of :: 25 oC

Application

-Heating systems (high temperature radiators) - where the water temperature does not continuously exceed 80ºC, 10 bar (Conditions to application Class 5 - BS EN ISO 21003-1:2008). The maximum short-term malfunction temperature is 100ºC for an accumulative 100 hours over the working life of the system. (Heating systems must be installed with room and water temperature controls in accordance with the current Building Regulations Parts L1 (Energy – Dwellings) and L2 (Energy – Non Dwellings) for England and Wales, or an equivalent national standard for Scotland or Republic of Ireland)
-Hot & Cold water domestic services: 10°C to 70°C where the water temperature does not continuously exceed 70ºC, 10 bar (Conditions to application Class 2 - BS EN ISO 21003-1:2008). The maximum short-term malfunction temperature is 95ºC for an accumulative 100 hours over the working life of the system.
-Uponor multi-layer pipe can be used for DHW recirculating systems, provided the operating temperatures and pressures do not exceed the maximum conditions detailed under 'Domestic Services'
-Chilled water: -10°C to 10°C,10 bar. If risk of damage from freezing, a suitable anti-freeze additive must be used. Any additive must be suitable for use with Polyethylene, PPSU, EPDM and CW625N brass
if not different mentioned:
- Male and female threads acc.to EN 10226-1.

Certification

-WRAS : 2203909 - RTM
-KIWA – UK water Regulation 4
-Manufacturing is in accordance with the international quality standard ISO 9001 and environmental standard ISO 14001.

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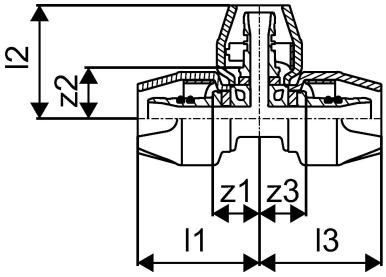

Technical data

Item (unit of measurement)	pce
Item no VVS	087447120
Item no LVI	1720654
Length (l1)	44 mm
Length (l2)	41 mm
Length (l3)	44 mm
z2	23 mm
z3	22 mm
Packaging Quantity PL1	1
Packaging Quantity PL2	20
Packaging Quantity PL3	160
Packaging Quantity PL4	1920

Technical documents

Download documents here

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