

## Uponor PPSU Safety information



IC0000041

This document contains important information for all PPSU fittings available in following product lines:

- Uponor Aqua PLUS
- Uponor Q&E
- Uponor RTM
- Uponor Smart Aqua
- Uponor S-Press
- Uponor S-Press PLUS

### General information

The following symbols are used to indicate special precautions when installing and operating any Uponor equipment:

	<b>Caution!</b> Ignoring cautions can cause malfunctions.
	<b>Note</b> Important information to the section in the manual.

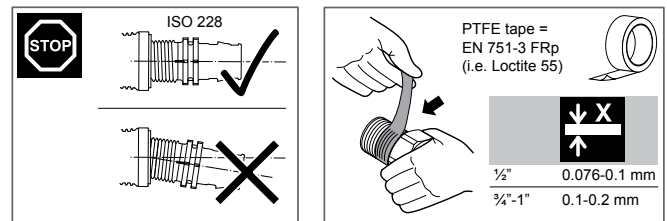
### Safety measures

	<b>Caution!</b> Avoid using metal tools such as pliers and wrenches in handling of the plastic products due to risk of material damage.
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- The product may only be used for its intended purpose.
- Uponor fittings must not be thrown or otherwise handled incorrectly.
- Damaged or defective products must never be used.
- The system must be professionally installed and regularly serviced.
- Products must be stored in original unopened packaging.
- Protect the products from dust and dirt as well as thermal and UV radiation.
- Always follow other safety instructions according to the pipe system used with the products.

### Installation

The maximum torque tension for 1/2", 3/4" and 1" items made in PPSU is **15 Nm**.



### Chemical resistance

PPSU has excellent chemical resistance to mineral acids, alkalis and salt solutions. Resistance to detergents and hydrocarbon oils are good, even at elevated temperatures and/or under moderate stress levels. Organic chemicals, except for ketons, do not seriously affect PPSU.

	<b>Note</b> Using the below listed substances in connection with PPSU fittings may damage the fittings and their durability.
	<b>Note</b> If any such substance is used in connection with the PPSU fittings during their installation, any warranties granted for our fittings are not valid.

Products containing the following substances must be avoided with PPSU fittings:

- Esters (e.g. ethylacetate)
- Aceton Methylene Chloride
- Trichloreethylene
- Cyclohexanone
- Chlorobenzen
- Tetrachloreethylene
- Tetrachlorethane Toulene
- Xylene
- Benzene

Examples of products which might typically contain the above substances are:

- glue
- tape
- insulation foam
- fire protection foam
- sealing chemicals
- leak detection spray
- anti-corrosion products
- certain detergent

If in doubt about the chemical compatibility, please consult Uponor for further information.

## Water resistance

PPSU is not affected by hydrolysis, i.e. chemical reaction with water.

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Uponor reserves the right to make changes, without prior notification, to the specification of incorporated components in line with its policy of continuous improvement and development.



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