

TORO 25 HC - Health & Care System consists of PP-R (PP-R 100) pipes coated internally with a special bactericidal layer that can reduce and cut down considerably the bacterial load of fluids.

This characteristic makes TORO 25 HC pipes suitable for all installations where the supply of fluids not contaminated by bacterial charges is necessary, therefore, TORO 25 HC is widely used in the food industry, in the transport of medical or chemical fluids, in water supply and in all those applications where the use of fluids free of bacterial charge is foreseen.

TORO 25 HC system is perfectly compatible with all TORO 25 system fittings.

The range includes pipes PN20 with SDR6.



APPLICATION FIELDS



drinking water and hygienic requirements



shipbuilding installation



heating-cooling networks



industrial equipment and installation



chilled water and air conditioning (HVAC)

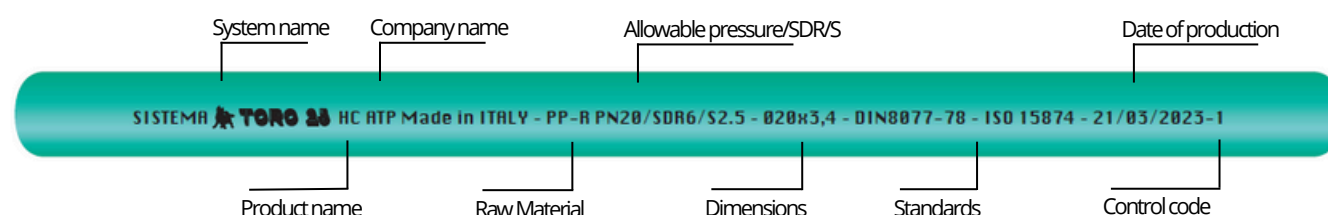


rainwater application

ADVANTAGES

- non-toxic materials
- easy installation
- lightness
- durability
- efficiency and versatility
- no noise and vibration
- safety against frost
- safety against corrosion
- safety against abrasion and deposits
- safety against condensation and heat loss
- safety against stray currents
- 100% recyclable (Green Building Product 🌱)

MARKING



WELDING TECHNIQUES



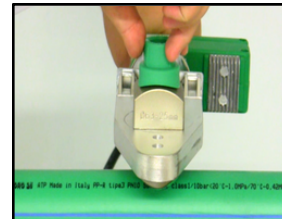
socket welding



butt welding



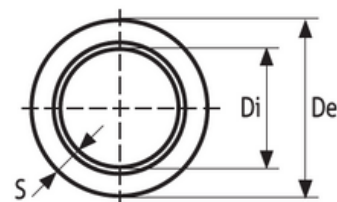
electrofusion



saddle welding

DIMENSIONS

SDR	Article	De mm	Di mm	Wall Thickness (S) mm	Weight kg/m
HC - PN20 - SDR6 / S2,5					
6	TUB 20 A20 HC	20	13,2	3,4 (+0,6)	0,174
	TUB 25 A20 HC	25	16,6	4,2 (+0,7)	0,268
	TUB 32 A20 HC	32	21,2	5,4 (+0,8)	0,438
	TUB 40 A20 HC	40	26,6	6,7 (+0,9)	0,675



PHYSICAL-MECHANICAL CHARACTERISTICS

Hygienic compatibility: Thermal transmission coefficient: Coefficient of thermal expansion: Fire resistance classification: Internal roughness: Welding system: Pipe structure: Material: Finish: Color: Supply:	supply of drinking water and food fluids for human consumption $\lambda = 0,15 \text{ W/m}^\circ\text{C}$ $\alpha = 0,15 \text{ mm/m}^\circ\text{C}$ E (UNI-EN ISO 13501-1:2007) $\mu = 0,0020 \text{ mm}$ thermofusion; electrofusion monolayer PP-R 100 + internal bactericide layer matt light green + white internal layer 4 m rods in sacks
Compatibility with all TORO 25 system PP-R fittings	

For technical and installation warnings, please consult the official catalogue

STANDARD

DVS 2207 / 2208	UNICHIM 1037:2014
EN ISO 15874-2-3-5	ASTM D 2444:2010
EN ISO 15494	SGBP 2018-1968
ISO 8795:2001	DIN 8077 / 8078 / 16962
UNI EN ISO 9308-1:2017/7899-2:2003/16266:2008	RINA-ASTM D 635:2010
UNI EN 11861-15:2003	

CERTIFICATIONS

"TORO 25 - HC (Health&Care) system has obtained the certification of conformity to the standards UNI EN ISO 9308-1:2017 / 7899-2:2003 / 16266:2008 and UNICHIM 1037:2014, by TUV - THÜRINGEN ITALIA.

In particular, the tests carried out at the ACCREDIA-1194 Laboratory and under the supervision of TUV - Thüringen, have positively demonstrated the bactericidal effect on Legionella Pneumophila.

