

fast pipe

Test Certifications

Certification	Reference Standard	Laboratory	Date	Results
Permeability	UNI EN 1736:2001	CSI	04/12/2015	Loss inferior to 20g/m ² /year on every tested gas.
Proof test of hoses	SAE J 517	Istituto Giordano	16/12/2015	Immersion in a water filled tank and pressurised for 1 hour to 100 bar without leaks.
Burst test of hoses	SAE J 517	Istituto Giordano	16/12/2015	Burst test to 200 bar without leaks.
System	-	TÜV	28/04/2016	Certification obtained.
Burst test of hoses	UNI EN 1736:2009	MIT	30/10/2017	Burst test to 200 bar without leaks.
Raction to fire test	UNI EN 13823:2014 UL 94 - 2001	MIT	30/10/2017	Fire behavior: C. Smoke production: s3. Flaming droplets: d0. UL 94 - V0
Cyclic endurance tests	UNI EN 1736:2009	MIT	13/11/2017	250 000 cycles with pulse frequency 1,1÷1,3 Hz, pressure 44 bar and temperature 70°C without leaks.
Internal surface FastPipe Ø3/8" new	UNI EN ISO 11358-1:2014	3A Laboratori	18/12/2017	Decomposition near 409 °C.
Internal surface FastPipe Ø1/4" used	UNI EN ISO 11358-1:2014	3A Laboratori	16/01/2018	Decomposition near 403 °C.
Internal surface FastPipe Ø3/8" used	UNI EN ISO 11358-1:2014	3A Laboratori	16/01/2018	Decomposition near 399 °C.
Product life evaluation	ASTM E1877-15	3A Laboratori	16/01/2018	Thermal Endurance at 70°C = 97516 years of work.
Light aging test	EN ISO 4892-1:2016 UNI EN ISO 4892-2:2013	3A Laboratori	20/02/2018	Color degradation 4/5 greyscale after 1000h of xenon lamp exposition.
Water vapor impermeability	UNI EN 1736:2009	MIT	03/03/2018	Average: 2,9 ± 0,8 mg / (dm ² x year).



TECNOGAS

I percorsi della tecnologia.