

- **Branding:** FastPipe®
- **Reference standard:** EN 1736:2008
- **Applications:**
 - Connection of indoor/outdoor units of direct expansion systems working with the following refrigerant gases:
 - R410a;
 - R32;
 - R134a;
 - R404a;
 - R407c.
 - Generic transport of refrigerant gases, liquid or vapour, pressurized or non-pressurized;
 - Not compatible with R22.
- **Usage conditions:**
 - -30 / +110°C (-22 / +230 °F). Resistant to spikes of 130 °C (265 °F);
 - 0 - 80 bar (0 - 1160 PSI). Tested for 100 bar (1450 PSI).
- **7-layer MLT. Structure:**
 - Long-chain polyamide;
 - Four-layer protective aluminium film;
 - High-strength synthetic fiber braiding;
 - High barrier plastic polymer layer;
 - Anti-wear, anti-UV, anti-abrasion and chemically inert external coating layer;
 - Closed cell expanded polyethylene insulation;
 - Anti-UV polyethylene protective coating.
- **Tube technical specifications:**

Nominal diameter (inch)	1/4	3/8	1/2	5/8
Nominal internal diameter (mm)	5,2	8,4	12,6	13,8
Internal diameter tolerance (mm)	0,1	0,1	0,1	0,1
Nominal external diameter (mm)	9,5	13	15,5	19,9
External diameter tolerance (mm)	0,15	0,15	0,15	0,2
Minimum burst pressure (bar PSI)	500 7250	400 5800	250 3625	200 2900
Maximum working pressure (bar PSI)	100 1450	100 1450	100 1450	100 1450
Test pressure (bar PSI)	100 1450	100 1450	100 1450	100 1450
Length variation at working pressure	± 1%	± 1%	± 1%	± 1%
Minimum bending radius (mm)	65	95	130	170
Weight (g/m)	80	125	147	190

- **Permeability (EN 1736:2008 Par. 7):**
 - Class 1.
- **Fittings technical specifications:**
 - 3-pieces fittings kit;
 - Patented design;
 - Fittings completely made of brass;
 - Special treatment on flare to achieve leak-free connection with the machines;
 - For the fittings kit installation instructions, refer to FastPipe® installation manual.
- **Manufactured by:**
 - Techinit S.r.l. Via L. Da Zara, 16/18 - 35020 Albignasego (PD), Italy.
- **Supply methods:**
 - 50 m rolls tested at 100 bar with fittings;
 - Ready-to-use and tested kits in multiple lengths with fittings.
- **Installation:**
 - FastPipe® usage is reserved to F-GAS certified professionals;
 - It's mandatory to follow all the procedures in the product installation manual.
- **Transport and storage:**
 - Ensure the storage of the product is cool and dry;
 - Always remember to plug the ends;
 - In case of prolonged storage of the product in a wet environment, take extra care while pulling the vacuum on the plant.

Issue date: March, 19th 2019 - Rev.5