

WORKING TO KEEP **OUR**  
ENVIRONMENT IN ONE PIECE



**ERRECINQUE**  
   *Fluid Systems*



ERRECINQUE was established in 1981 by its visionary founder, Piero Lovera. The company started by producing several kinds of tubes, mainly for automotive applications and rapidly expanded to other areas like plastic, rubber and metallic items. The entire production of ERRECINQUE is currently made through four different plants, all based in Italy so far. In 2015 we have opened a representative office in the USA, while on May 2017 we have officially launched a JV with Rochling Automotive Group for the production of urea lines in Romania.

Since 2007, ERRECINQUE produces many items of the urea system following extensive R&D activities. ERRECINQUE manufactures the urea sender unit system for the global SCR market, as well as all circuit of relevant lines, warmed by liquid or electrically. Its technology is largely developed and manufactured in-house; this reality increases the flexibility the company constantly shows to the partners, by being able to tailor all technical solutions to meet bespoke partners requirements





TORINO 1  
plant

N° 4 PLANTS IN ITALY  
(1981 - 1991 - 2003 - 2006)

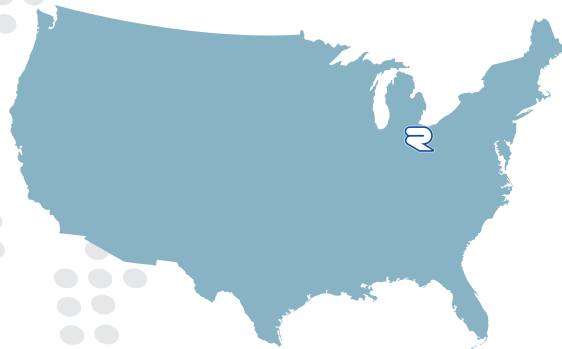
TORINO 2  
plant

BOLOGNA  
plant



COSENZA  
plant

N° 1 REPRESENTATIVE OFFICE  
IN DETROIT - USA (JUNE 2015)



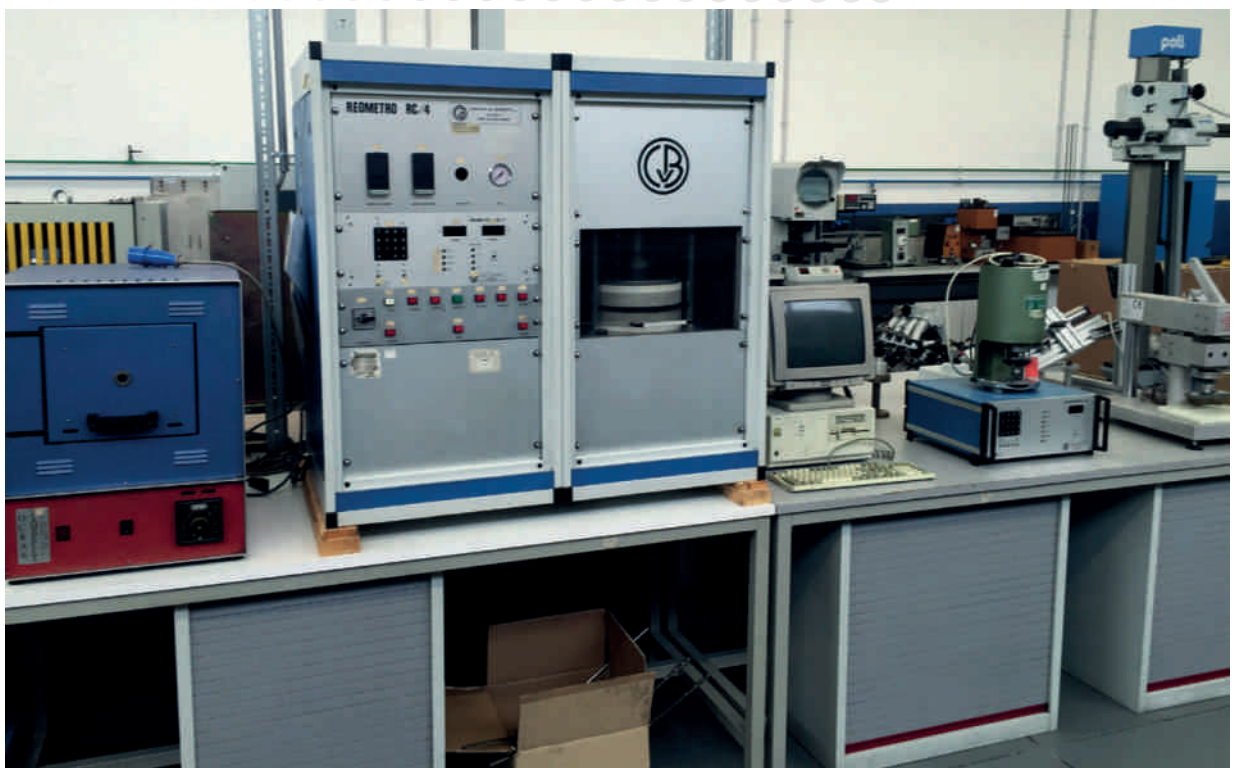
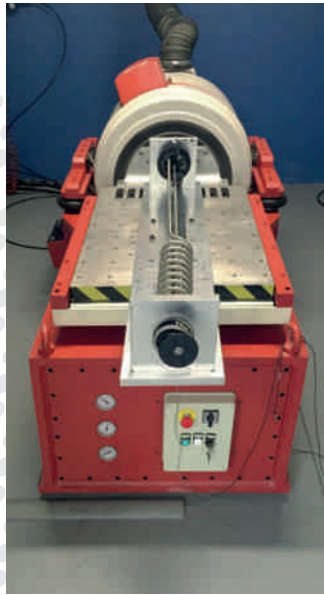
N° 1 PLANT IN  
ROMANIA (MAY 2017)





## MAIN EQUIPMENTS

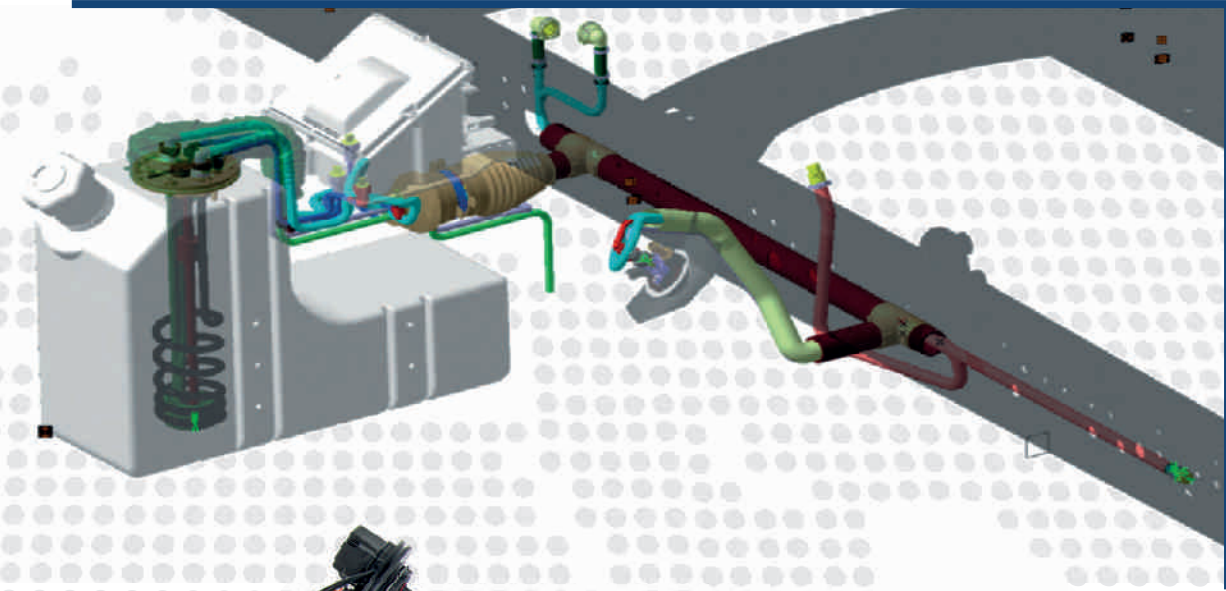
- Helium machine
- Vibrational test bench
- Climate test chamber
- 3D scanner (F.A.R.O.)
- Pressure drop test bench
- Pressure burst machine
- Salt spray chamber
- Pressure pulsating
- The others





*We make customized products*

UREA SYSTEM



## SENDER UNITS

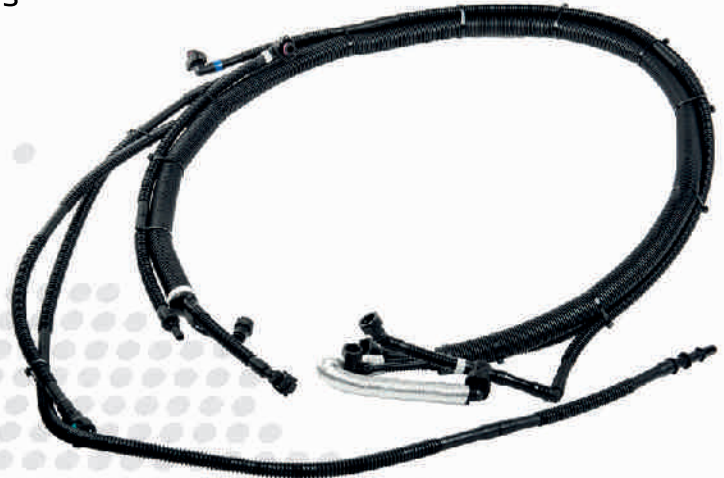
- Non heated version
- Heated version without urea quality sensor
- Heated version with urea quality sensor
- Plastic bayonet or clamp rubber head type
- 6 holes plastic head available on demand
- In and out tank urea filter
- 2d, 3d urea filter by several mesh
- Several lengths available
- Tailored solutions upon customer needs





## UREA LIQUID HEATED LINES

- Sender unit to pump connections
- Pump to injector connections
- Injector to tank connections
- In-line urea filter solutions available
- Rubber covers and sleeves
- Corrugated protections
- Straight and «T» joints
- Any tailored solution



## UREA ELECTRICAL HEATED LINES

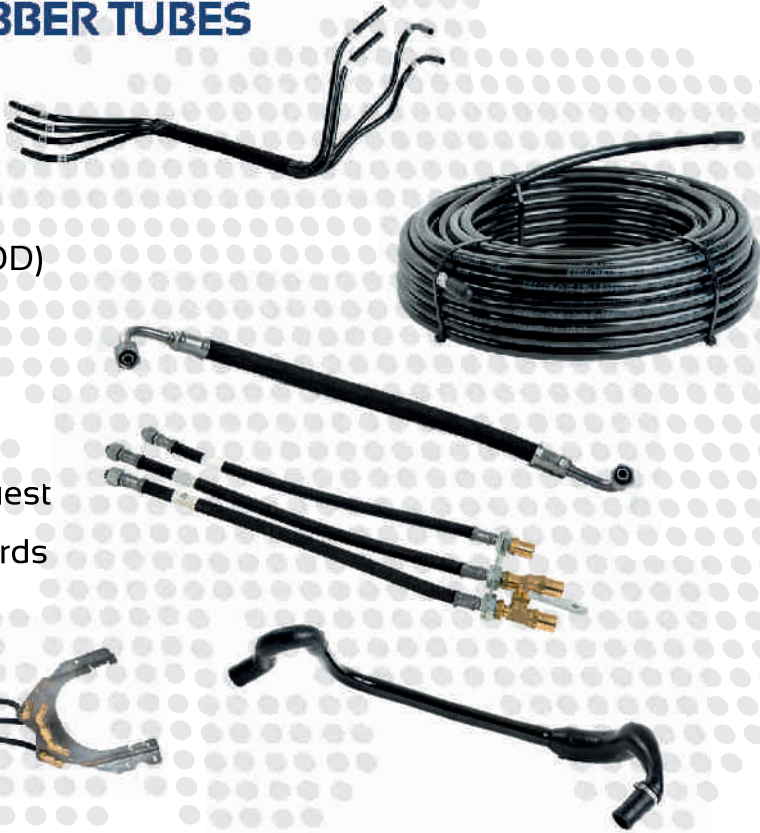
- Sender unit to pump connections
- Pump to injector connections
- Injector to tank connections
- 4 or 6 mm liner by PA or EPDM
- 1/4, 5/16, 3/8 SAE connections
- 0° or 90° SAE fittings
- Any electrical connector type
- Any tailored solution





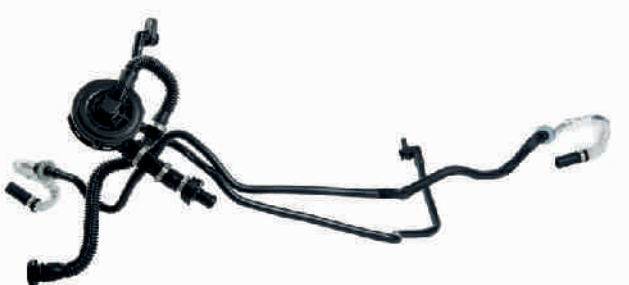
## THERMOPLASTIC / RUBBER TUBES

- Extruded materials:
  - Polyamide
  - Polyester
- Extrusion from 4 to 32 mm (OD)
- Coils from 150 to 500 mt
- Straight or thermoformed
- Complete assembly of parts
- Branded upon customer request
- Compliant to relevant standards
- 100 % tested



## THERMOPLASTIC TUBES

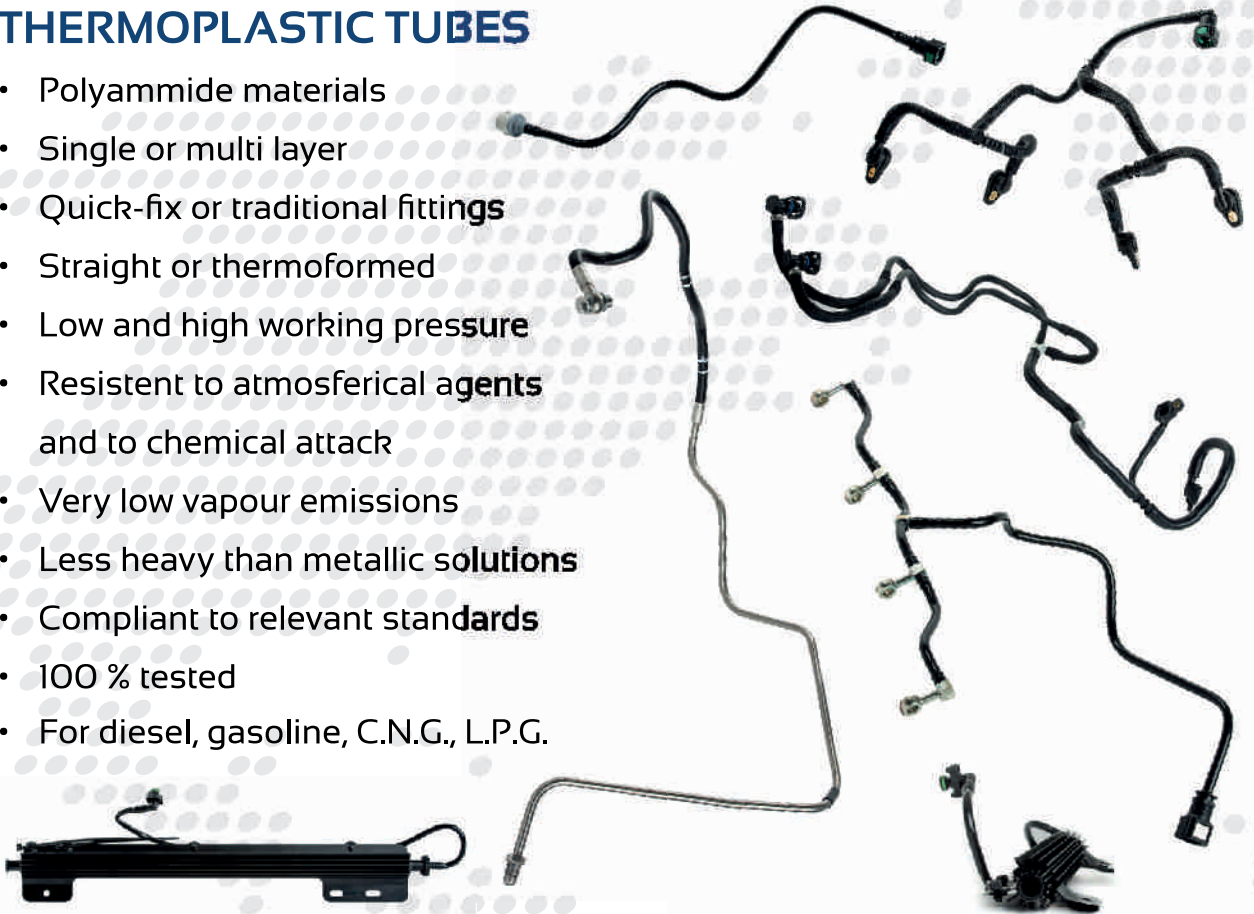
- Polyamide materials
- Single or multi layer
- Smooth or corrugated
- Straight or thermoformed
- Quick-fix, traditional or special fittings
- Vapour separator valve available
- Complete assembly of parts
- High resistance to temperatures
- Compliant to relevant standards
- 100 % tested





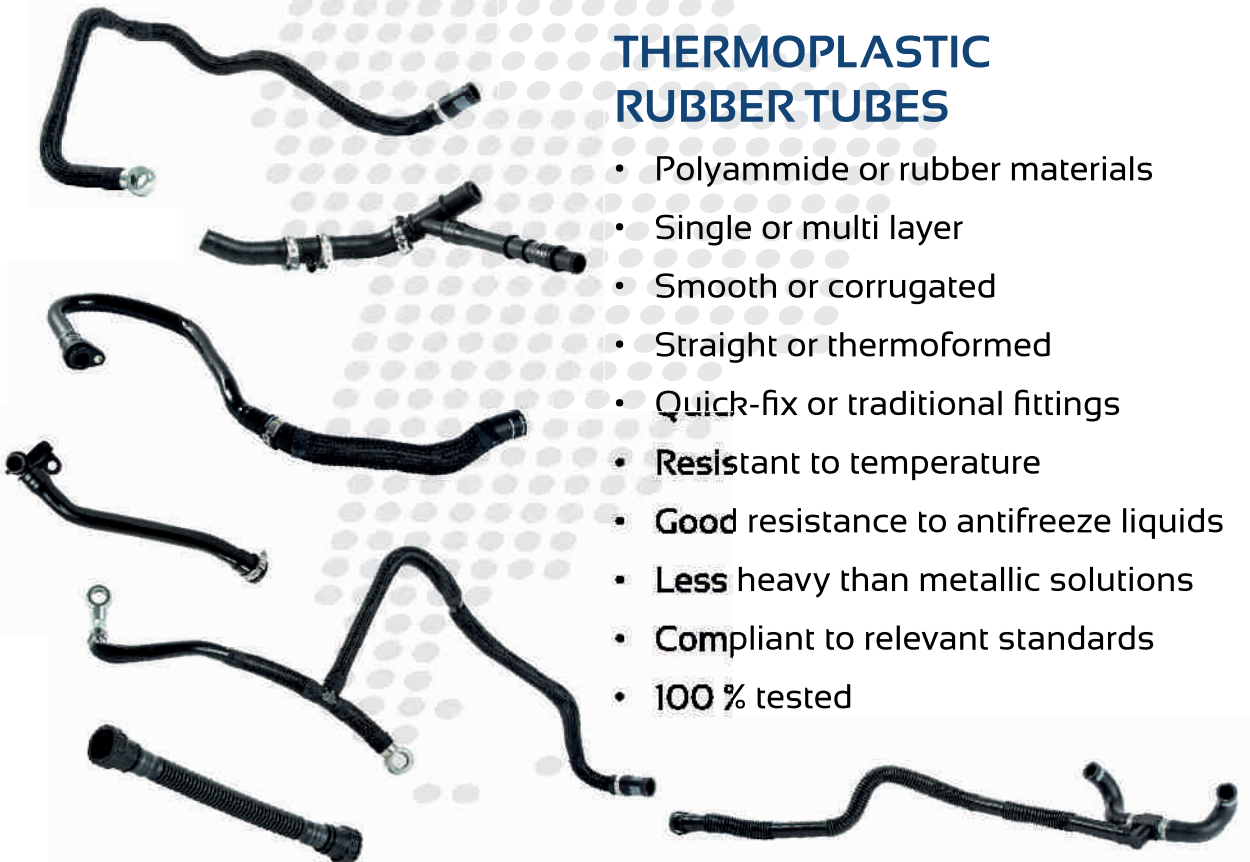
## THERMOPLASTIC TUBES

- Polyammide materials
- Single or multi layer
- Quick-fix or traditional fittings
- Straight or thermoformed
- Low and high working pressure
- Resistent to atmosferical agents and to chemical attack
- Very low vapour emissions
- Less heavy than metallic solutions
- Compliant to relevant standards
- 100 % tested
- For diesel, gasoline, C.N.G., L.P.G.



## THERMOPLASTIC RUBBER TUBES

- Polyammide or rubber materials
- Single or multi layer
- Smooth or corrugated
- Straight or thermoformed
- Quick-fix or traditional fittings
- Resistant to temperature
- Good resistance to antifreeze liquids
- Less heavy than metallic solutions
- Compliant to relevant standards
- 100 % tested

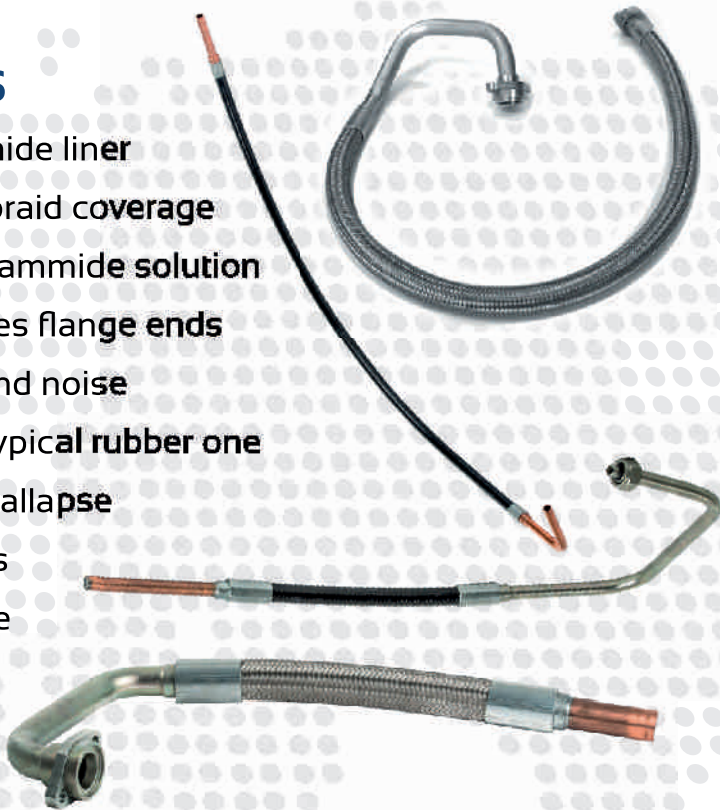






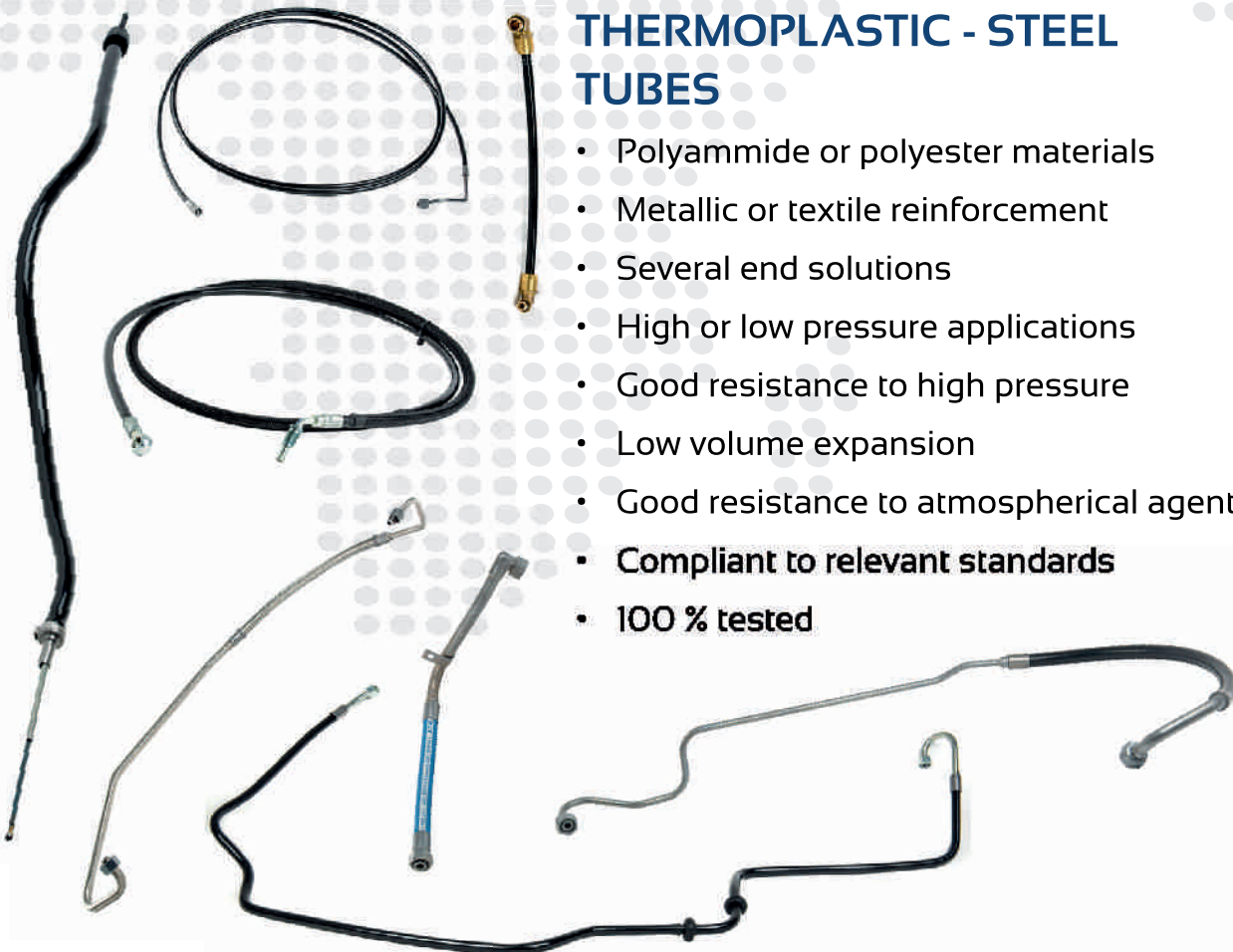
## THERMOPLASTIC STAINLESS STEEL TUBES

- Smooth or corrugated polyamide liner
- Polyamide or stainless steel braid coverage
- Steel reinforcement on full polyamide solution
- Copper, steel, nut&sleeve, 2 holes flange ends
- Good absorption of vibration and noise
- Very effective solution versus typical rubber one
- High flexibility and no risks of collapse
- Compliant to relevant standards
- 100 % tested by helium machine



## THERMOPLASTIC - STEEL TUBES

- Polyamide or polyester materials
- Metallic or textile reinforcement
- Several end solutions
- High or low pressure applications
- Good resistance to high pressure
- Low volume expansion
- Good resistance to atmospheric agents
- Compliant to relevant standards
- 100 % tested





## TITOLO

- Plastic Items
- Several plastic materials w/ or w/o fiberglass:
  - PA6, PA6.6, PA12
  - ABS
  - POLYPROPYLENE
  - ACETAL
- Injection or blow moulding systems
- N° 8 horizontal machines (80 - 1600 tons)
- Metallic inserts to be co-moulded in
- Welding by automatic robot
- Automatic dryer system for raw materials
- Moulded brands upon request





## TITOLO

- Several rubber materials:

- VAMAC
- VITON
- NBR
- NBR-PVC
- HNBR
- VMQ (SILICON)
- EPDM
- NATURAL RUBBER
- CHLOROPRENE



- Injection or compression moulding systems
- N° 14 machines (20 - 600 tons)
- N° 11 horizontal + n° 3 vertical machines
- Metallic inserts to be co-moulded in
- Moulded brands upon request





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