

MATERIALS

Corrugated tube obtained by strip of AISI 316L stainless steel. Metal exterior mesh made of AISI 304 stainless steel. Plastic exterior protection of fire retardant PVC. Connections made of AISI 303 stainless steel and brass UNE_EN 12164. Safety valve shutter closure made of elastomer according to UNE-EN 549.

MODELS

- Set of flexible metal connection with safety plug and thread with 1/2" BSPT-ROTATING Male connection at one end and 1/2" BSPT-Male or Fixed female at the other end.
- Safety plug is manufactured according to UNE-EN 15069.



TIGHTNESS

The tightness tests are carried out at 100% of the production: each piece is tested individually and is submerged in water by applying air under pressure internally in order to test all the parts of the tube, mainly the welds. Sampling tests, including destructive ones, are also carried out in the internal laboratory, as required by the specific regulations in force.

WORKING PRESSURE

The working pressure for the gas flexible tubes is limited to 0.5 Bar, in compliance with regulations in force that foresee their use in appliances with a maximum heat capacity of 35 kW. Please ask our technical Department for other applications.

FLOW; 0,8 m³/h

ADVANTAGES

- It avoids the torsion of the flexible in the assembly by being able to rotate on its own axis to adapt to the curvature of the end of the fixed thread (male or female).
- Double security closure. This rotating system achieves sealing by 2 joints, instead of only one joint used in others.
- The turning movement is achieved by a double stainless steel pin.
- This design especially improves the robustness of the rotating system regarding those existing on the market.
- Extra protection has been incorporated into the weld between the hose and the connection elbow, against possible blows, excessive heating, etc.

Data sheet FLEXIBLE TUBE GIRACLIK

APLICACION

Flexible tubing for joining installations to appliances that use gas as fuel.

NORMATIVE

Manufactures according to UNE-EN 14800 and AENOR N brand product certification in process.

LENGTHS

750 mm – 1.000 mm – 1.500 mm – 2.000 mm.



OPERATING TEMPERATURE

The operating temperature of the uncoated flexible tubes is estimated to be between -55°C to +250°C. For coated flexible tubes, the operating temperature is +90°C. For applications with temperatures below or above those indicated, please ask our technical department.

WELDING

All the welds are carried out automatically using the TIG method, without any kind of material added, through the direct fusion of base materials, all done in a protected atmosphere by Argon.

BENDING RADIUS

The radius of curvature must be at least 1.5 times the outer diameter of the tube. Never below this. If we have a tube with an outside diameter of 18, the minimum bend radius is 27.

