

### 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. Safety valve manufactured in brass according to UNE-EN 12164. Safety valve shut-off made by elastomer in accordance with EN 549.

### MODELS

- Metallic flexible connection assembly with safety valve 1/2" BSP male thread on one end, and 1/2" BSP male or female on the other end.
- Metallic flexible tubes with connection by 1/2" BSP free nut and sealing by rubber gasket according UNE 60719.

### APPLICATION

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

### NORMATIVE

Produced in accordance with EN 14800. Certified product by AENOR with its "N" mark.

### LENGTHS

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

EN14800  
GAS  
HOSE



### 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 +120°C.

For applications with temperatures below or above those indicated, consult 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.

### 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. For applications other than those indicated, consult our technical department.

### TESTS

The leak-tightness tests are carried out at 100% of the production: each piece is individually tested and submerged in water by applying pressure air 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.

### BENDING RADIUS

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

