



## STAINLESS STEEL EXTENSIBLE CONNECTIONS WITH COATING

### TIGHTNESS

Leak tightness tests are carried out on 100% of the production: each piece is individually tested and immersed in water while pressurised air is applied internally, in order to test all parts of the tube, especially the welds. Sampling tests, including destructive tests, are also carried out in the internal laboratory, in accordance with the standards EN228-1 and UNE 60713/1.

### BENDING RADIUS

The bending radius must be at least 1.5 times the outer diameter of the tube. It must never be lower than this value. For example, for a tube with an outer diameter of 18, the minimum bending radius is 27.

### MEDIDAS

CODE	THREAD	Ø	LENGHT	NUT
5172121000	1/2"	12	100-200	Brass
5172122000	1/2"	12	200-400	Brass
5172123000	1/2"	12	300-600	Brass
5172127500	1/2"	12	750-1500	Brass
5172342000	3/4"	20	200-400	Brass
5172343000	3/4"	20	300-600	Brass
5172347500	3/4"	20	750-1500	Brass
5172110000	1"	25	100-200	Brass
5172120000	1"	25	200-400	Brass
5172130000	1"	25	300-600	Brass

### MATERIALS

Corrugated tube manufactured from stainless steel strip. The stainless steel grades used are: AISI 321, AISI 304 or AISI 316L. The fittings are manufactured from bars made of: carbon steel, CW619N brass, AISI 303 or AISI 304. The gaskets are made of EPDM.

### COATING

Heat-shrink coating fully bonded to all corrugations of the corrugated tube, made of PVC material with flame-retardant properties. This coating also protects the tube against aggressive environmental conditions, without affecting the mechanical extension or contraction strength of the tube.

### WELDS

All welds are performed automatically using the TIG method, under argon-shielded atmosphere, without any filler material, through direct fusion of the base materials.

### WORKING PRESSURE

The maximum working pressure is 10 bar.

### TEMPERATURE

The maximum working temperature is 125 °C.

