FLEXIBLE EXTENSIBLE CONNECTIONS M-F IN STAINLESS STEEL

WATER TIGHTNESS
Leak tests are carried out at 100% of production: each part is individually tested and immersed in water by applying pressurized air internally in order to test all parts of the tube, mainly the welds. Sampling tests, including destructive tests, are also carried out in the in-house laboratory, as required by the specific regulations in force.

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

MEASUREMENTS

CODE	THREAD	Ø	LENGTH	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
5172341000	3/4”	20	100-200	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

TYPE OF CONNECTION
Without neck for flat gasket sealing

MATERIALS
Corrugated tube obtained from stainless steel strip. The types of stainless steel used are: AISI 316L for the corrugated pipe and the fittings are made of AISI 303 stainless steel. Nut and male end made of CW619N nickel-plated brass, according to EN 228-1 Standard. The gaskets are EPDM.

COATING
The heat-shrink coating with adhesion to all corrugated tube ripples, made of PVC material with flame retardant properties. This coating also protects the tube from the aggression of the surrounding environment without affecting the mechanical extension or contraction force of the tube.

Welds
All welds are carried out automatically using the TIG method, in an atmosphere protected by Argon, without any material input, through the direct fusion of the base materials.

WORKING PRESSURE
The maximum working pressure is 10 Bar.

WORKING TEMPERATURE
Maximum working temperature is 125ºC.