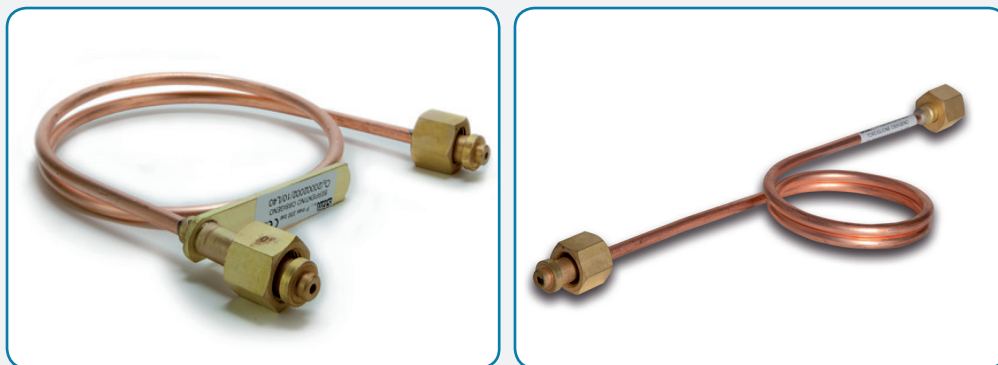


## HIGH PRESSURE PIGTAILS

THE HIGH PRESSURE PIGTAILS are used in the central stations as a connection in between the cylinders or cylinder bundle to the manifolds and from the manifolds to the panel boards. Pigtails are realized with components compatible to medical gas and are treated in order to reduce to minimum the level of contamination, as per the norm EN ISO 15001.

The high pressure pigtails are conceived and manufactured in according with norms ISO EN 21969 and ISO 7396.



The 8 mm external diameter copper pipe is fit for high pressure and keeps its flexibility in the long term.

Pigtails need to be replaced anyway once every two years.

In and out fittings are realized in brass and in accordance with applicable UNI/ISO norms.

The identification of the gas for which the pigtail has been realized occurs by means of a label carrying the name and/or symbol of the supplied gas.

The maximum working pressure is  $P = 230$  bar.

The below indicated table shows the correspondence among supplied gas, coding, symbols, working pressure and threads of pigtails connecting manifold to cylinders and manifold to manifold.

Pigtails are 1000 mm long but are also available in other lengths according with their use (i.e. cylinder bundles which require 2000 mm long, with an external diameter of 10 mm).

GAS	CODE FOR CYLINDERS	CODE PIGTAIL	SYMBOL	WORKING PRESSURE	THREAD NORM
Oxygen	SFAP - 0101	SFAP - 0102	O <sub>2</sub>	200 bar	W 21,7 x 1/14" UNI 11144
Nitrous Oxide	SFAP - 0109	SFAP - 0110	N <sub>2</sub> O	60 bar	G 3/8" UNI 11144
Air	SFAP - 0103	SFAP - 0104	AIR	200 bar	W 30 x 1/14" UNI 11144
Carbon Dioxide	SFAP - 0105	SFAP - 0106	CO <sub>2</sub>	60 bar	W 27 x 2 ISO 5145
Nitrogen	SFAP - 0107	SFAP - 0108	N <sub>2</sub>	200 bar	W 21,7 x 1/14" UNI 11144

## RACK FOR CYLINDERS

RACKS are profiles realized in hot dip galvanized steel which are installed to the walls by means of appropriate fixations and where cylinders are placed in order to keep them firm.

Every separator is complete with a safety chain for blocking the cylinder.

Racks can be 1, 2, 3 or 5 cylinders seats. In case of more cylinders, more racks will be provided accordingly. The separator with chain can be bought as a spare part also. (code 20001054)



CYLINDERS SEATS	LENGTH MM X	WIDTH MM Y	HEIGHT MM	CODE
1	350	280	65	20001011
2	500	280	65	20001012
3	750	280	65	20001013
5	1250	280	65	20001015

