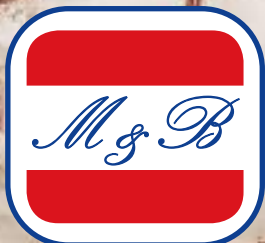


Monti & Barabino

**Technical Supplies
For Industrial and Naval field
Since 1880**



**STAINLESS
STEEL HOSES**



Monti & Barabino, established in 1880, is based in Genoa and operates in the field of Technical Items supplies for the Industrial and Maritime Sectors.

The extremely wide experience matured in more than 135 years of activity and its highly qualified personnel composed by technicians, marine engineers, naval architects etc., enables the Company to offer the most complete and efficient technical and commercial assistance.

Moreover, the products stocked in its large warehouse allows it to promptly satisfy any kind of enquiry, while its workshop is able to manufacture all types of packings and gaskets comprising the moulding of rubber and elastomer of various types, including silicon, Fluoropolymer, Polyurethane, etc.

Since February 2004, Monti & Barabino S.p.A. improved its Quality Management System in accordance with **UNI EN ISO 9001** regulations, obtaining the certification through **R.I.N.A.** This prestigious acknowledgement is a confirmation of our constant effort in offering excellent quality and service to all those Customers who have chosen and will choose our Company as their supplier.



Our workshop, acting as  **Parker** Official distributor, is able to offer:

- FLEXIBLE HOSES FOR LOW, MEDIUM AND VERY HIGH PRESSURE
- MED APPROVED FLEXIBLE HOSES
- TYPE APPROVED SHIP TO SHORE AND INDUSTRIAL COMPOSITE HOSES
- HIGH PRESSURE STEAM HOSES
- HIGH PRESSURE CLEANING HOSES
- RUBBER, STAINLESS STEEL AND TEXTILE EXPANSION JOINTS

Moreover:

- HYDRAULIC TEST FACILITIES
- MANAGEMENT OF TESTING PROCEDURES IN PRESENCE OF CLASSIFICATION BODIES
- PRESSED FITTINGS ON LARGE BORE RUBBER HOSES UP TO 10"

MECHANICAL WORKSHOP and **PIPE WORKSHOP** are available for the execution of customized processes on our semi-finished products. Thanks to the wide availability of **WAREHOUSE** we are able to satisfy your needs in a short time, organizing and managing your shipments in a very short time.

We perform CNC turning and cutting on rubber and metal semi-finished products; we mold details and rubber gaskets.



We produce gaskets in any material, even according to Customer's design, including padded copper and spiral wound gaskets.

We sew and assemble insulating mats and textile joints: wide choice of fabrics for high temperatures.



Laser marking of finished products and components

We are an authorized **Parker** assembling center, hydraulic hoses up to 3" and industrial hoses up to 10".
Ask for our **FLEXIBLE HOSES** and **ACCESSORIES CATALOG**



Approved welders able to manufacture special fittings according to Customer's specifications.

We perform internal hydrostatic tests, also in the presence of an external Certifying Body.



STAINFLEX MB-S1

Stainless Steel flexible hose, RINA approved



STAINFLEX MB-S1 is a corrugated stainless steel 321 or 316. The internal corrugated structure is covered with external stainless steel braid, in order to give corrugated hose the ability to withstand pressure.

Suitable to be used with a wide range of different fluids, STAINFLEX MB-S1 is recommended where an high resistance to vibrations and movements is required, also in presence of severe working conditions. STAINFLEX MB-S1 is RINA approved.

Features

- resistance to high temperatures above 600°C and at very low temperatures.
- Impermeability to gases
- Good vibration resistance
- Excellent behavior in the presence of cyclic movements of large amplitude.
- High corrosion and chemical resistance.
- Excellent resistance to different types of fuel oil, even at high temperatures.



Applications

- Shipbuilding industry (engines - machinery - Hull lines)
- Steel industry, mechanical, aerospace
- Refrigeration and cryogenic, thermal power plants.
- Chemical, petrochemical, food and pharmaceutical industries
- Glass industry






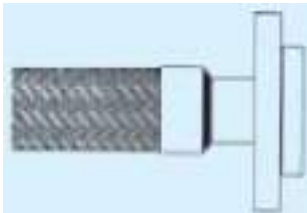
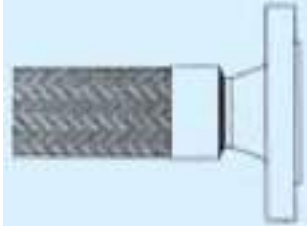
Sizes and characteristics

DN		3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
		10	13	20	25	32	40	50	65	80	100
W.P. kg/cm² @ 20°C		98	64	43	55	36	38	26	24	28	19
Bending radius mm	Static	40	50	70	90	110	130	175	200	205	230
	Dinamic	150	200	200	200	250	250	350	410	450	560

Conversion factor Pressure / Temperature

TEMP. °C	150	200	250	300	350	400	450	500	550	600
Factor x	0,81	0,76	0,71	0,67	0,64	0,62	0,59	0,57	0,54	0,50

Illustrations and values here shown are to be considered as indicative and may be changed without notice.

CONNECTION	TYPE	DESCRIPTION
	A	Female fitting with swivel nut, parallel threaded, 60° or flat seal. Other threads on request
	N	Male fitting, tapered pipe thread. Other threads on request
	G	Male connector, parallel threaded. Other threads on request
	3PZ	Female fitting in three pieces with cone seal, threaded cylindrical gas. Other threads on request
	F	Smooth couplings, suitable to be welded.
	FGIR	Swivel flanges according to UNI/DIN/ANSI standard
	FFIX	Fixed flanges according to UNI/DIN/ANSI standard



Monti & Barabino S.p.A.

16149 Genova Sampierdarena (GE) - Via Buranello 85/R

Tel: +39010413341 - Fax: +39010414281

Web site: www.montiebarabino.it - e-mail: info@montiebarabino.it

