

Monti & Barabino

Technical Supplies for
Industrial and Naval field
since 1880



MISCELLANEOUS



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  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.



ECOSONEX SMOOTH ADHESIVE DEADENING PANEL



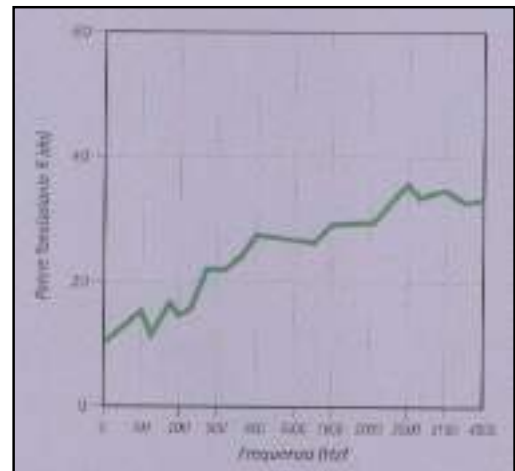
cod. 8771.1120

GENERALITY

Deading panel composed by polypropylene core placed between two flexible foamed polyurethan resin layers. One side is coated by a anti-oil film while the other side is self-adhesive in order to facilitate the installation The open-cells structure is suitable for enviroment and noisy instruments insulation. It's compact structure makes it suitable for many application such as fairing engine compartment sound-proofing, compressors, machine tools, partition walls.

FEATURES

Self-extinguishing	In accordance with UL 94 HF1
Density	35 Kg/m ³
Color	Grey
Operating temperature	from - 40° up to +120° C
Commercial size	1000x1000x20 mm
Fixing method	Glue or Mechanic



ECOSONEX PYRAMIDAL DEADING PANEL



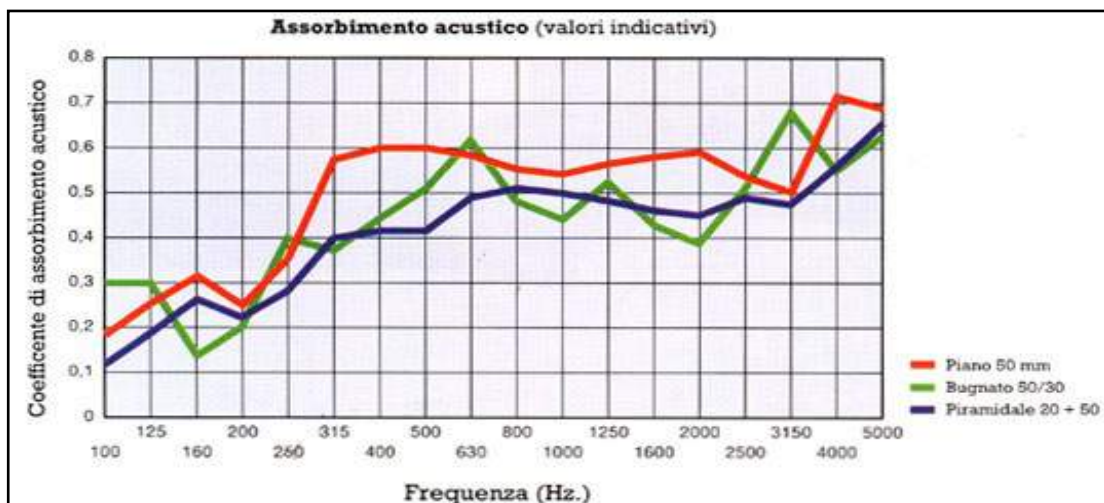
cod 8771.1170

GENERALITY

Deading panel manufactured in foamed polyurethan resin. The open-cells structure is suitable for environment and noisy instruments insulation both in industrial and civil range. The particular pyramidal shape makes it suitable for many applications like gyms, auditorium, recording rooms, anechoic room etc, where a sound insulation is required.

FEATURES

Self-extinguishing	In compliance UL 94 HF1
Density	35 Kg/m ³
Color	Grey
Operating temperature	from - 40° up to +120°C
Commercial size	1000x1000x70 (50+20)
Fixing method	Glue or Mechanic



ARMAFLEX NH[®] APPROVED THERMOACOUSTIC INSULATION

NH/Armaflex[®] special halogen-free insulation has been specially developed to reduce smoke density to a minimum in the event of fire and to eliminate as far as possible any toxic contamination such as dioxins and furanes.

NH/Armaflex[®] contains no flame proofing agents, PVC, CFC or HCFC's and when it is exposed to severe fire, it will burn like any other organic material, however, the flammable components do not contain any corrosive or decomposing elements. It provides protection against diffusion of water vapour, as a closed-cell material, and features all the properties which you can expect from a flexible elastomeric insulation, such as low thermal conductivity, dust and fibre free.



FEATURES

- Self - extinguishing
- Energy saving
- CFC and HCFC free.
- Prevents from corrosion
- Available in tapes, tubes and sheets



APPLICATIONS

Insulation for pipework, tanks and air ducts, for prevention of stress corrosion in stainless steel pipes and particularly in the following fields: marine sector, general ship-building off shore, rail-transport, computer rooms and other areas, where chlorine-free materials are required. To be applied with **ARMAFLEX 520** approved adhesive.

TECHNICAL DATA

Description:	Flexible closed-cell insulation
Material:	Elastomeric foam based on synthetic rubber
Aspect:	Smooth surface - color black
Temperature range:	From -50° C up to +110° C (+85°C if glued)
Thermal conductivity	$\lambda \leq 0,040 \text{ W/(mxk) @ } 0^\circ \text{ C (DIN 52612)}$ $\lambda \leq 0,045 \text{ W/(mxk) @ } 40^\circ \text{ C (DIN 52613)}$
Water vapour diffusion resistance	≥ 2000 in accordance with EN 12086 / 13469

FIRE PERFORMANCE	
1) Reaction to fire	TUBES: DL - s3 -d0 SHEET / TAPE: E
In accordance EN 13501/1 - 13823 and ISO 11925-2	
3) Fire behaviour	Self-extinguishing, does nor drip, does not spread flames.

The reported values are for guidance purposes only and are issued in order to provide a guideline for product selection. They could be changed without notice or / and any commitment by the Company.



VILEDON® FILTER PSB 290/S

COD. 8771.0290/1 - ISSA 81 30 01

COARSE FILTRATION	
EU 4 DIN 24 185	G 4 EN 779



PSB/290 S has a progressive structure:

layers of fibers with differing diameters are arranged behind each other so as to ensure that the density of the fiber layers increases towards the clean air side, thus achieving optimized defined filter output and dust holding capacity. The result: longer useful filter lifetime.

Viledon filter media satisfy the stringent requirements of Fire Class F1 according to DIN 53 438 and are self-extinguishing.

APPLICATIONS

Due to their high dust holding capacity and their resultant long useful lifetimes, PSB filter mats are particularly costefficient. It is especially effective in applications requiring stable arrestance in spite of high dust loading and high air flow rates.

Weight, approx	gr/m ²	300
Thickness approx.	mm	20
Thermal stability	°C	up to 100
Relative Humidity resist.	%	up to 100
Size	MT	2x20

CONVEYOR BELTS

**AVAILABLE UPON
REQUEST**



GENERALITY

The handling system with conveyor belts is certainly one of the most widespread in the industrial field. The wide range of products allows employees to create solutions for any type of transmission line, both internal and external.

CUSTOMIZED SIZES

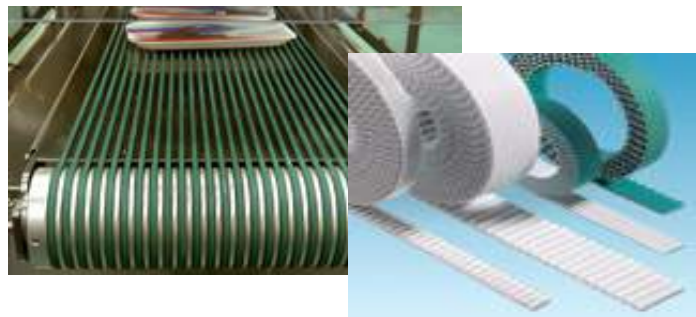
We produce conveyor belts on customer's request, using the most appropriate material for different applications. The surface can be made of metal, PVC, industrial rubber, food or polyurethane rubber. Depending on the application the area of contact with the product can be smooth or with inserts and special surfaces.



The conveyors are manufactured, depending on the Customer's requirements, welded or open with metal joints for quick and easy installation.



Tapes and polyurethane or rubber belts are available for the realization of transport lines.





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