

VİZYON INNOVATIVE INSULATION LTD. DETAILED PRODUCT CATALOG

MARINE - DEFENSE INDUSTRY - OFFSHORE - RAILWAYS - TRANSPORT



New generation Sound & Vibration control, Condensation and
Corrosion control, High temperature & Cryogenic Thermal
Insulation and Passive Fire Protection solutions

Vizyon Innovative Insulation
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ABOUT US

Vizyon Innovative Insulation Ltd.Co. was established in 2015 to provide up-to-date innovative solutions suitable for any appropriate insulation needs. It provides services in the field of thermal insulation, noise and vibration damping, high heat and cryogenic insulation as well as fire insulation with the most advanced technology products, services and design.

We offer the most permanent and rational solutions in the marine, defense, automotive and manufacturing industry. We serve the marine industry in every stage of noise and vibration insulation including design and completion. Product range and design services are both included in our wide working band.

We carry out our work by offering permanent and effective solutions to each problem or need. For us, thermal insulation, sound insulation, high thermal insulation, cryogenic insulation, fire insulation, corrosion protection and condensation control are items that require separate solutions, separate products with separate tailored designs. Design, procurement, application, testing of services and maximum performance are all within our field of expertise. Our main and utmost goal is to be advantageous to you and our country with our work ethic and principles based on quality and satisfaction. As Vizyon Innovative Insulation, we take part in the whole system. We design the most permanent and effective solution with high efficiency. Costs and system permanence are equally important to us. In the products and services we offer, we focus on solving the needs of our customers quickly and effectively, regardless of the scope of the business.

We offer our innovative solutions in various developing sector in Turkey and we are ready to do so world wide. We have served in the same purpose and direction since the day we were founded. We have completed critical projects with the high satisfaction of our customers. In our R&D center, we develop high-level products such as fire protection and high heat insulation



PROMADAMP® CL SK



Product description

PROMADAMP® CL SK is the latest and innovative visco-elastic, constrain layer product. It has excellent vibration damping performance, with very low weight and thickness. Self-adhesive, non-toxic, odourless safe and clean

PROMADAMP® CL SK also has excellent flame spread characteristics for marine applications.

PROMADAMP® CL SK is flexible, easy to cut and shape and install.

Technical data

Colour	Black-grey/Aluminium			
Nominal density of damping polymer (tolerance) (ASTM D14758 Pycnometer)	kg/m ³	1700 (±5%)		
Reaction to fire	Low spread of flame (certificate number on request; certificate valid for all thicknesses)			
Slump behaviour	30 min. at 210°C			
Weight (tolerance)	Thickness mm kg/m ²	1.0 1.7 (±5%)	1.6 2.9 (±5%)	2.1 3.8 (±5%)
Best application	Ambient temperature (10 ÷ 35°C)			
Working temperature	°C	-30 ÷ 80		
Storage	Indoor, maximum temperature of 30°C in its original pack			
Shelf life	12 months in its original pack			

Acoustic properties

R _w index (ISO 717/1)	Thickness mm dB	1.0 19	1.6 22	2.1 25
Damping performance (Oberst test)	See diagram on page 2			

Dimensions ROLLS (standard)

Thickness	mm	1.0	1.6	2.1
Roll length	m	15	10	6
Width	mm	1000	1000	1000

Dimensions SHEETS (standard)

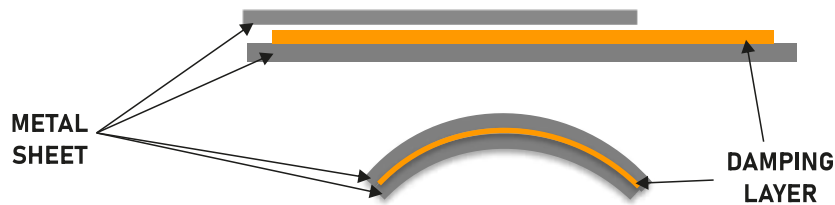
Thickness (tolerance)	mm	1.0 (±10%)	1.6 (±10%)	2.1 (±10%)
Length (tolerance)	mm	1000 (±3%)	1000 (±3%)	1000 (±3%)
Width (tolerance)	mm	500 (±2%)	500 (±2%)	500 (±2%)
Packaging	sheets/box	60	40	24

PROMADAMP® CL SK can be supplied, on demand, in sheets with different dimensions or customised and shaped as per customer's drawing.

NDS® COMPOSITE PANEL (STEEL & ALUMINUM)

NDS® Composite Panel is a fully damped steel composite panel consists of two outer layers of steel or aluminum laminated together using a layer of a viscoelastic inner layer. Viscoelastic interlayer functions to damp disturbing structure-borne noise.

NDS® Composite Panel provides a significant vibration damping capacity in comparison to a normal metal sheet. The high loss factors make it very well suited for e.g. ceilings, walls and even floor systems. The system is based on the principal of sandwich anti-drumming with a constrained layer. When the NDS® Composite Panel starts to vibrate, the viscoelastic layer transforms vibration into thermal energy.



Acoustic Properties :

While standard viscoelastic materials such as acrylic and rubber based adhesives shows damping performance capabilities at very narrow temperature ranges, viscoelastic layer used by NDS® demonstrates excellent performance at low, room and high temperatures intervals. Typical acoustic performance depicted below figure. Continuous operating temperature is -50 C to 150 C.

Table 1: Average measured loss factor of tested panels

Panel no.	Description	Average loss factor (50 Hz - 1.25 kHz)
	Aluminium	
11	NDS composite panel aluminium	0.035
	Steel	
12	NDS composite panel steel	0.035

Technical Data

NDS® Properties	
Material	Aluminum EN AW 5754 H111- EN AW 5083 H111 Steel Stainless steels (304 and 316), DKP steel, galvanized steel
Dimensions	1000 x 2000 mm Other dimensions are available on request
Thickness	1.25, 1.65, 2,05 mm (steel) 2.05, 4,05 mm (aluminum) (thickness of viscoelastic inner layer : 50 µm - 100 µm) Custom thicknesses are available on request
Coating/Color	Plain, Powder coating in RAL colors is available on request
Density	7400 kg/m ³ (Steel) 2600 kg/m ³ (Aluminum)

NDS PANEL MOUNTING MATERIALS



NDS Panel



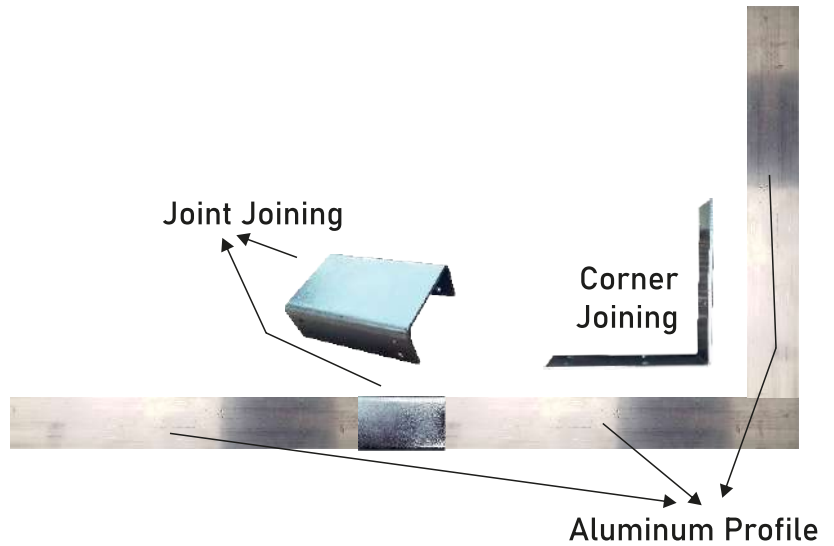
Insulator



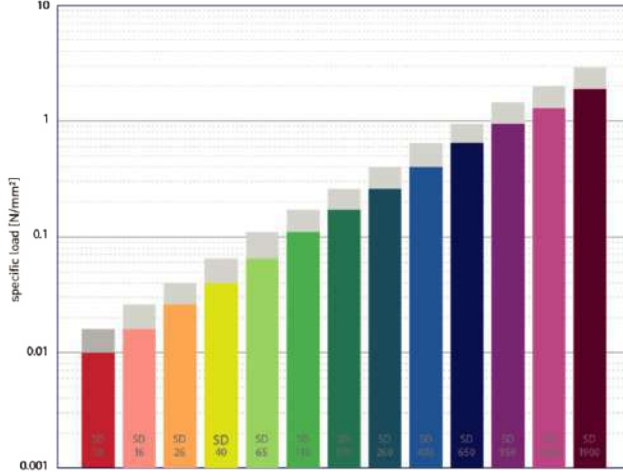
Modular Internal Gear Stud
Stainless Steel - A2304



Elastic Adhesives



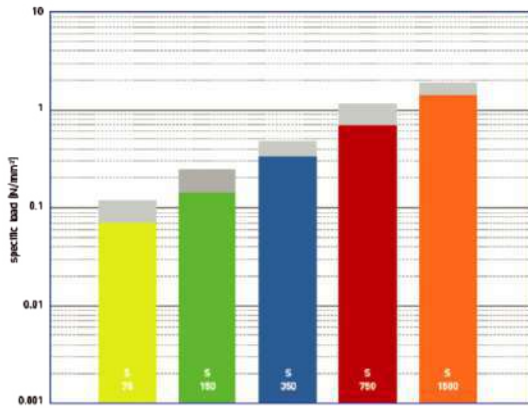
VIBRATION CONTROL PRODUCT LINE



VIBRAFOAM

This product is a two-component, polyurethane based, vibration damping compound, which is used for floor applications and developed for marine and offshore industries in order to decrease the structural noise and vibration, also for meeting the market demand. It is viscoelastic, light and mostly used for main floor layer or as an under layer in various floor linings.

www.vizyonendustriyelyalitim.com/uploads/pdf/KRAIBURG_PuraSys_vibrafoam_vibradyn.pdf



VIBRADYN

It increases acoustic comfort on leveling floors of ships and comfort boats and prevents transmission of vibrations to the structure. It is defined as Class E in DIN EN ISO 11925-1.

VIBRADYN S-75, VIBRADYN S-150, VIBRADYN S-350, VIBRADYN S-750, VIBRADYN S-1500

www.vizyonendustriyelyalitim.com/uploads/pdf/KRAIBURG_PuraSys_vibrafoam_vibradyn.pdf

VIBRATION ISOLATOR SERIES

TYPE VZN 32



TYPE VZN 42



TYPE VZN 52



TYPE Z 95



TYPE L 100



TYPE U 64

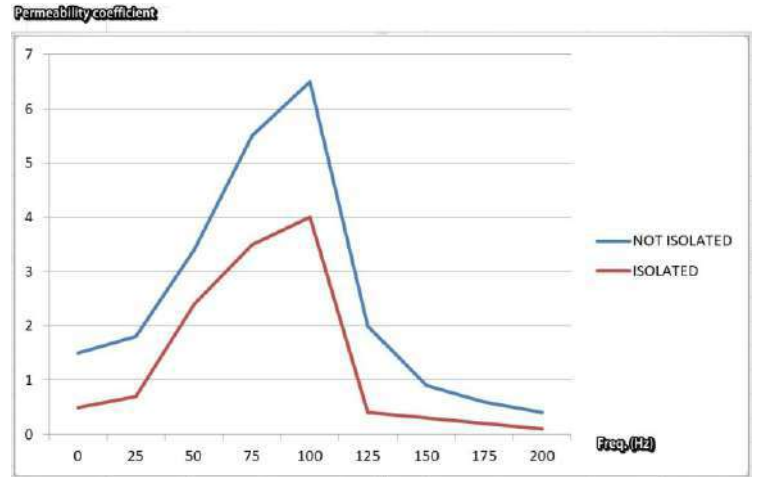


Modüler Internal Gear Stud
Stainless Steel - A2304

VZN-VIBRATION ISOLATORS / M8
TYPE : VZN 32, 42, 52, L, Z and U
Anti vibration mount adjustable,
for interiors and mechanical rooms

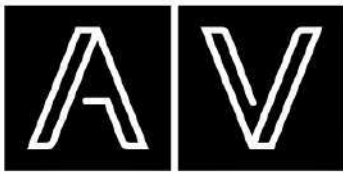
- Structure-borne noise damping
- Effective solutions at short distances
- Possibility to use in many positions
- Non-contact ergonomic structure
- Maximum payload : 25 KG
- Tensile strength: 2000 N

Build status : Galvanized steel (2mm)
Rubber hardness : Standart 50 Shore / Or in
desired hardness
Standard Building Heights : 32 42 and 52 MM



Vibration frequency should be less than the natural frequency of the system. An increase in the stiffness of the wedges increases the natural frequency and leads to a decrease in the dimensionless frequency ratio, in addition, an increase in the damping coefficient also reduces the resonance amplitude and reduces the relative position permeability.

https://www.vizyonendustriyelyalitim.com/uploads/pdf/VZN_VIBRATION_ISOLATOR.pdf



INDUSTRIAL PRODUCTS

Specialists in Anti-Vibration Mountings
and Rubber Engineering Components

VIBRATION MOUNTS



SELECT YOUR COUNTRY

United Kingdom

SELECT YOUR LANGUAGE

English

GO

**ENGINEERING,
MANUFACTURING AND
ANTIVIBRATION ASSISTANCE**

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Reduce the energy consumption for comfort ventilation by up to 90%

[Download the research report](#)



Turn your smoke extraction duct into an energy saving HVAC system



DRUMACOISTIC PANEL

Material

Acoustic sandwich panel

Available thickness

12 mm – 26 mm

Surface

Rough or painted

Available size

2480 x 1210 mm or 2480 x 600 mm (Other dimensions on request)

Connection

square edges, grooved and plywood keyway or with overlap 30/40/50 or 60 mm cut-out on all four edges

Our sandwich panels are made up of panels with ocoume multiplex through and through and a core of Poplar:

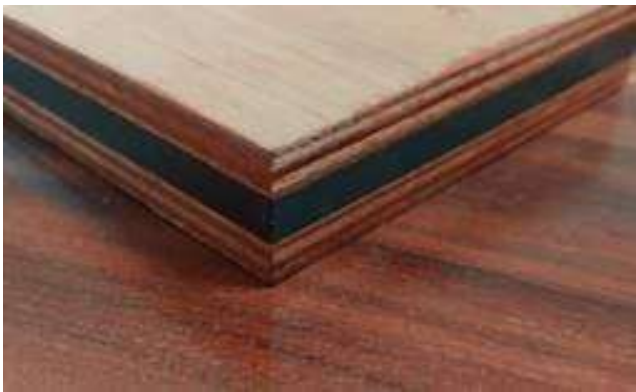
- DrumAcoustic 2150 / Heavy solid rubber (EPDM, PVC free) (2150 kg / m3)
- DrumAcoustic 1050 / Rubber (1050 kg / m3)
- DrumAcoustic 700 / Rubber (700 kg / m3)
- DrumAcoustic 550 / Light composed with cork / rubber (550 kg / m3)
- DrumAcoustic 225 / Ultra Light composed with cork layer (225 kg / m3).

These materials dampen the vibration before it is radiated as sound and transferred to other system components. Usually used in sandwich with plywood, but can also be glued with aluminum or steel.

The acoustic sandwich panels are often used for floors and partition walls.

Noise reduction measurements are in accordance with ISO 717-1.

All panels are available with square edges, grooved (on 4 sides) or with an overlap of 30, 40, 50 or 60 mm on all sides.



PROMARINE®-450T

Areas of application

- A, B & C Class constructions
- Compartmentation
 - Linings
 - Non-combustible furniture

Workability

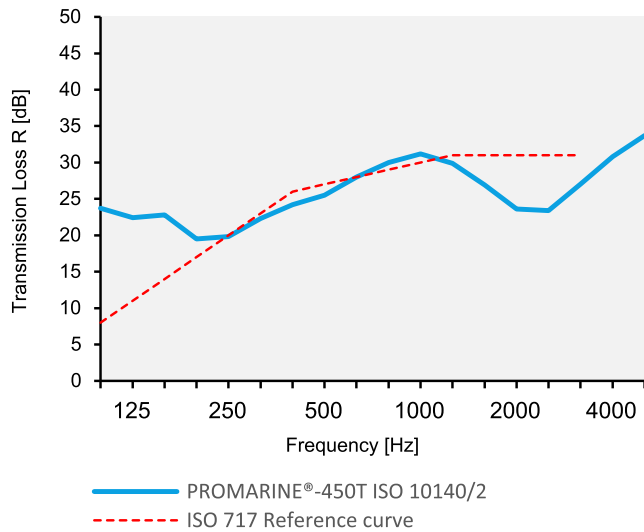
PROMARINE®-450T can be cut using normal woodworking tools or by using circular blades. During cutting operations use personal protective equipment (see below).

Handling

PROMARINE®-450T should be worked and installed using appropriate personal protective equipment (PPE). Use protective gloves, glasses, suitable respiratory equipment

Acoustic properties

19mm, $R_w=27$ [dB]



to avoid health effects, and suit. Use dust extraction when worked inside. After use, thoroughly wash hands and any other parts that could have been in contact with the material. For further information refer to Safety Information Sheet.

Waste disposal

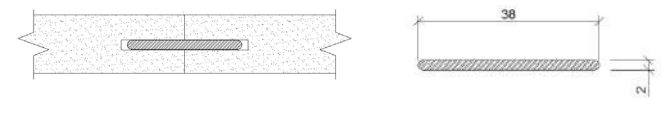
Refer to local legislation. If not available: The board is not classified as a dangerous substance and so no special provisions are required regarding the carriage and disposal of the product to landfill.

Storage

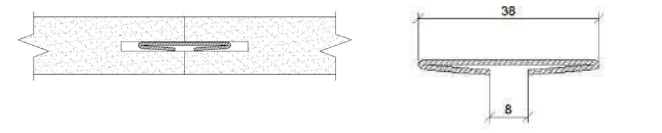
Store on a flat surface, in a dry area.

Class divisions – joint drawings

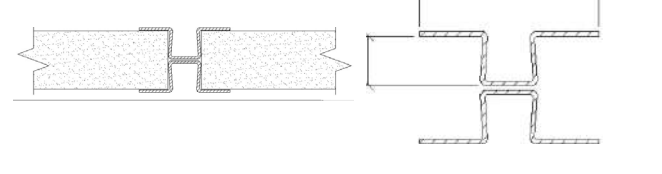
Solid spline



"C" spline



Omega joint





PROMASOUND®-TL



Product description

PROMASOUND®-TL is a flexible barrier for acoustic insulation, with no heavy metals content and totally lead and PVC free.

PROMASOUND®-TL is an innovative latest generation visco-elastic product; it provides high performance acoustic insulation with low flame spread characteristic.

It is MED certified and USCG approved.

Properties

- easy and fast installation
- a safe and harmless material with no lead and other harmful materials according to 67 /548/CEE regulation and subsequent amendments

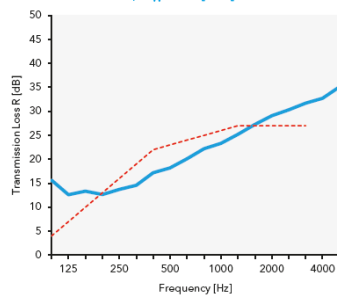
Technical data

Colour	Irregular light grey	
Nominal density (tolerance) (UNI 7092, ASTM D1817, EN 53479)	kg/m ³	2100 (±10%)
Chemical composition	Plastic polymer with mineral fillers	
Reaction to fire (thickness 1 to 5mm)	Low spread of flame	
Quality assurance	Module D. Low spread of flame	
Service temperature		
Continuous	°C	-30 to 90
Steady state	°C	-50 to 110
Peak	°C	130
Thermal conductivity (EN 12667:2001 - EN 12664:2001)	W/mK	0.213
Best application	°C	15-20 (ambient temperature)
Hardness (tolerance) (UNI ISO 868, ASTM D2240)	80 (Shore A) (±10%)	
Breaking load (UNI 6065, ASTM D412)	N/mm ²	> 1.0
Elongation (UNI 6065, ASTM D412)	%	> 40
Storage	Indoor, minimum temperature of 5°C in its original pack	

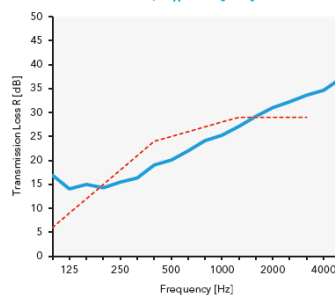
¹⁾ Certificate number and details available upon request.

Acoustic properties

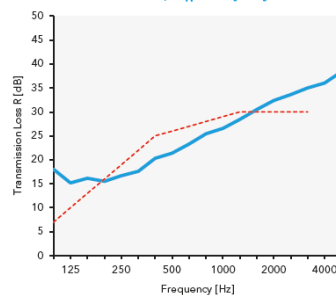
1mm thickness, $R_w=23$ [dB]



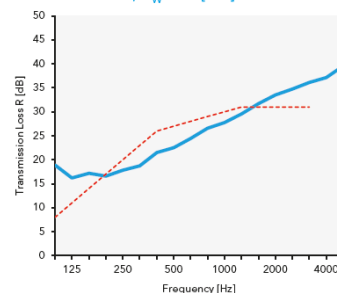
1.5mm thickness, $R_w=25$ [dB]



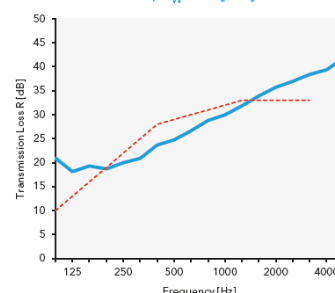
1.75mm thickness, $R_w=26$ [dB]



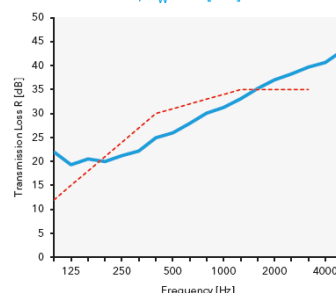
2mm thickness, $R_w=27$ [dB]



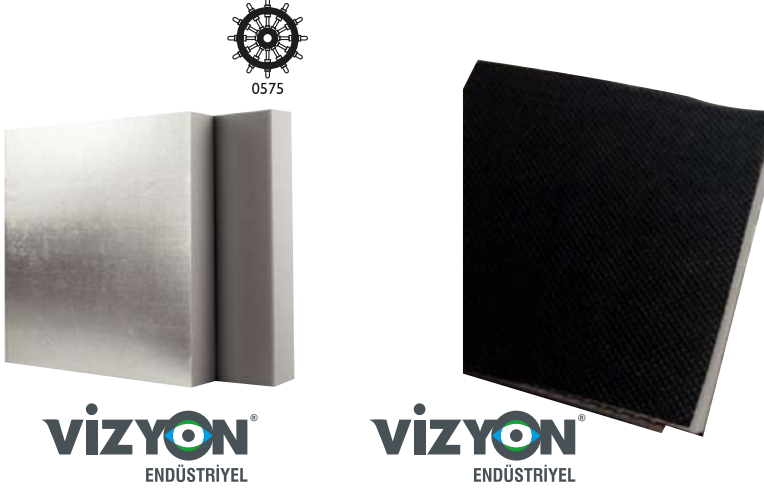
2.5mm thickness, $R_w=29$ [dB]



3mm thickness, $R_w=31$ [dB]



SES EMİCİLER ÜRÜN GRUBU



SORBERMEL

It is a flexible, lightweight, open-cell, light gray foam that is made of melamine resin. With a high degree of flame retarding, excellent sound absorption and thermal insulation properties, Sorbermel is dimensionally stable and harder than polyurethane foams. It is preferred in weight sensitive applications. Sorbermel achieves some of the highest classifications in fire ratings in order to meet national and international standards. Sorbermel is a choice for a variety of industrial applications such as railway, automotive, marine, building and construction, it is manufactured as AGC (Aluminum Glass Cloth) and textile coated.

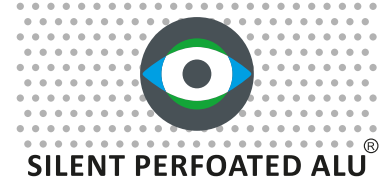
1-VZN-SORBERMEL AGC

2-VZN-SORBERMEL TEXTILE

THICKNESS: 20,30,50 and 80 mm

DIMENSIONS: 1.2 m X 1 m

www.vizyonendustriyelyalitim.com/sorbermel



ZN-SİLENT PERFORE ALU. / SOUND ABSORBING DECORATIVE ALM. PANEL

isa sound absorbing finish panel with perforated metal sheet. The sheets are available as plain or laminated ith Sorbertextile STA, a black, airflow resistant, glass-based acoustic textile, offering high performance sound bsorption. The product has an aesthetic appeal and has a hard, durable surface. The perforated metal surface manufactured from marine grade 5052 aluminum sheet or electro galvanized steel. This open space allows ound waves to pass through and be absorbed by the backing fabric. As the sound passes through the durable acking fabric, the sound waves create heat through friction, resulting in energy loss, thus reducing noise and eflected sound. lhe boards have a powder coat finish of white or desired color which provides corrosion esistance. lhe metal surface can be powder coated before the backing fabric is bonded with Sorbertextile STA,

LUMINIUM PANEL THICKNESS: It is manufactured as 1.1.2 and 1.5 mm.

MENSİONS: 1 X m X 2 m (net size with perforated holes)

TANDARD RAL CODES: 9010 and 9003

OLE DIAMETER .1, 1.5 and 2 mm. It is produced asa standard hole diameter production of 2 mm.





MINERAL WOOL

Marine insulation from the ROCKWOOL SeaRox range is designed to improve fire safety, indoor climate and sound protection in the marine and offshore industry.

Our solutions are suitable for multiple applications. This includes on-board cruise liners, passenger ships and merchant vessels, as well as offshore units, such as oil rigs and wind farms.

Products range from lightweight slabs and flexible mats, to high density, rigid slabs – delivered with a wide range of alternative facings.

www.rockwool.com/group/products-and-applications/marine-and-offshore-insulation/#why 



VIZYON[®]
ENDÜSTRİYEL

VIZYON[®]
ENDÜSTRİYEL
VIZYON AEROGEL BLANKET

VIZYON AEROGEL BLANKET

It comes in rolls with a wall thickness of 10 mm, width of 1 m and length of 10 m. The heat transmission coefficient value is: 0,027 W (m²/K)

PHYSICAL PROPERTIES

- Operating Temperature: -50 °C, +350 °C
- Thermal Conductivity Coefficient: 0.016 W / mK
- Color: White
- Water Absorption: 6% minimum, 14% maximum (after 24 hours conditioning at 300 °C/600 °F)
- Slump resistance: ≤ 5% thickness change
- Vapor Permeability: 5-5.5 mu
- Fire Class: A-s1-d0
- Compressive Strength: 40 kpa 10%
- Environmental Impact: 5.4 kg of CO2 per m² (1 cm thickness)
- Heat Capacity: 1000 J / kg / K
- pH: 8
- Blanket Grain Size: 0-1 mm, 1-2 mm, 2-4 mm
- Product Shape: Roll
- Product Width and Length: 1 m X 10 m (10 m² / ROLL)

www.vizyonendustriyelyalitim.com/aerogel-blanket 



VM BOARD 1000 °C



VM FLEXIBLE 1000 °C

VIZYON MICROPOROUS PANELS (1000 °C)

Vizyon Microporous Panels is a rigid, high integrity microporous board offering superior insulation properties combined with good handleability. Produced from an opacified blend of pyrogenic silica with a filament reinforcement, this board is available in a 1000 grade, in a raw state (ie no encapsulation) or enhanced in a variety of coverings, such as glass fibre or aluminium encapsulation. Features and Benefits

www.vizyonendustriyelyalitim.com/uploads/pdf/VIZYON_MIKROPORUS_PANELS__1000_C_.pdf



VM 17

THERMAL INSULATION SYSTEM FOR HIGH TEMPERATURE IN THE CONSISTENCY OF PASTE (1000 °C)

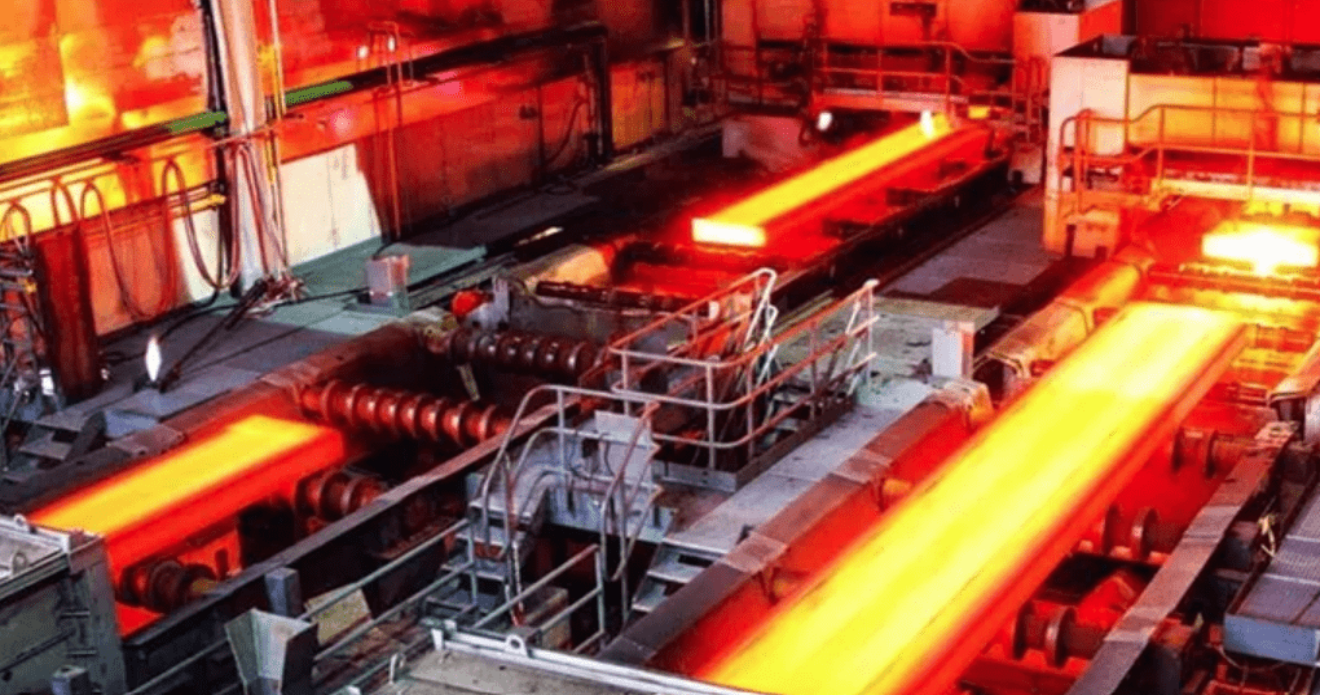
The demand for high temperature insulation is emerging everywhere in industry where gases or liquids need to be supplied, extracted or transferred without adversely affecting the environment. With the VM 17 insulation system, a suitable process that has proven itself in many fields has been developed. It has been ensured that no health problems arise in the production of insulation or the use of insulated aggregates.

THERMAL CONDUCTIVITY OF INSULATING COMPOUND VM 17 (TWO-PLATE METHOD)

Mean temperature (°C)	100	200	300	400	500	600	700	800
(W/mK)	0.13	0.14	0.15	0.16	0.18	0.20	0.21	0.23

www.vizyonendustriyelyalitim.com/yuksek-isi-1000-c-sivi-kivamli-yalitimi-vm-17

HIGH TEMPERATURE INSULATION AND REFRACTORY



www.vizyonendustriyelyalitim.com/uploads/pdf/thermal-ceramics-product-overview_april2019_websize.pdf 

HIGH TEMPERATURE ADHESIVE AND HYBRID ISOLATION TECHNOLOGIES

VATRAL 200 - THE SPECIAL ADHESIVE

A versatile silicate adhesive is. Mineral additions give a high resistance to heat to Vutral® 200. The adhesive is useable for temperatures up to 1250 °C also at repeating cooling's.

Fire protection adhesive hardens both physical by water removal and by reaction with air carbonic acid. Do not tend to flow and form a top flat film already after approx. 4 minutes. (Recommended process time until 15 minutes when using tooth spatulas)

A one component ready for use adhesive is.



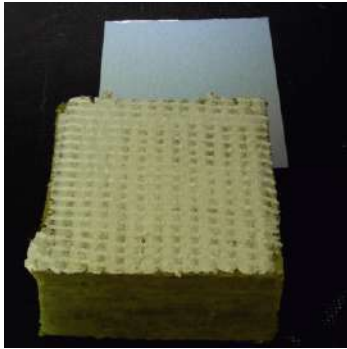
<https://hsmc.de/en/shipbuilding/#1489615225736-b13979c1-ba5c> 



VATRAL 1030 - FIRE PROTECTION ADHESIVE

one is produced high-temperature resistant, one components adhesive from mineral/inorganic organic hybrid binders. Specific use of easy fillers increases the productiveness and improves the processing quality.

Vatral® 1030 was developed especially to stick mineral wool together with a mortar like adhesive order with each other or on mineral or metallic sub-reasons flatly. Closing or fulfilling gaps. Particularly in compensation on uneven areas as well as for the joint free processing (top surfaces adhesion).



<https://hsmc.de/en/shipbuilding/#1489016269192-9dc57c0e-0cb8> 

VATRAL 125/150

MORTAR AND MOLDED PARTS WITH FIRE AND HEAT INSULATING PROPERTIES FOR SHIPBUILDING, BUILDING CONSTRUCTION AND INDUSTRY

Mortar specially developed for leveling uneven substrates, filling cavities and for mold making. Boards for light wall constructions, such as sectional doors with precisely fitting molded parts. Vatral® 125/150 board is used in constructional building. It can be used in walls, ceilings, cold room and urniture construction.

Pipe shells for thermal insulation at low temperatures, especially in combination with a diffusion-tight aluminum coating.

n combination of molded parts and mortar, even complicated constructions can be insulated without hermal bridges.



<https://hsmc.de/en/shipbuilding/#Vatral-125-150> 



VATRAL 150/650

The intelligent technical insulation made of mortar and moldings.

The most effective solution for stable insulation free of convection and thermal bridges and with increased protection against fire, mould and rust. Usable in industrial plants, vessels, offshore or building construction.



<https://hsmc.de/en/shipbuilding/#1488151781251-ee06ecf0-92e4> 

VATRAL DIAPHAN

READY-TO-USE TRANSPARENT DISPERSION ADHESIVE FOR OBJECT WALL CLADDINGS

Vatral® Diaphan is an organic/inorganic, water-based, solvent-free composite dispersion with high initial adhesion and bonding strength. Vatral® Diaphan is suitable for moist areas.

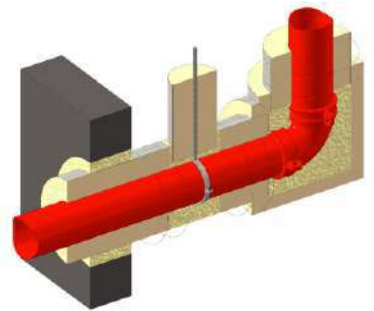
Vatral® Diaphan is based on modern hybrid binders. Due to the consistent reduction of the organic content in the binder, Vatral® Diaphan is particularly suitable where the fire load is to be kept low or where requirements are placed on the behavior in fire.

<https://hsmc.de/en/shipbuilding/#1648485097450-ed745f73-3492> 

VATRAL SP SYSTEM

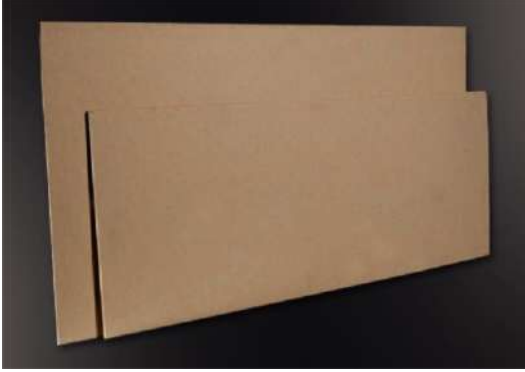
FIRE PROTECTION SYSTEM FOR SPRINKLER AND FIRE EXTINGUISHING SYSTEMS

The Vatral® SP system is the system for cladding dry and wet sprinkler pipelines, including their penetrations through solid structural elements. It differs from existing types of construction in terms of design as well as materials, installation and functioning. The Vatral® SP system is based on the non-combustible Vatral® SPM mortar and its development was oriented to plaster claddings made of mortars with vermiculite and perlite according to DIN 1993-1 2/NA:2010-12. Despite a reduction in the bulk density, the moisture plateau, which is decisive for fire resistance, was significantly extended.



<https://hsmc.de/en/industry/#vatral-SP-System-hochbau> 

HIGH TEMPERATURE NEFALIT BOARDS AND GASKETS



Nefalit 5: Mineral fiber-based, asbestos-free board with a classification temperature of 750 °C. It has a yellow/beige colour and 950 kg/m³ density value. After exposed to 750 °C for 24 hours, the shrinkage value of Nefalit 5 is less than 2%.



Nefalit 7: With a classification temperature of 850 °C, it is a mineral fiber-based product which does not contain asbestos. Its density is 850 kg/m³ and its colour is gray/beige. After exposed to 1000 °C for a period of 24 hours, the shrinkage value of the product is less than 2%.



Nefalit 11: Mineral fiber based asbestos-free product with a classification temperature of 1100 °C. Its colour is yellow and its density is 1100 kg/m³. When exposed to 1000 °C continuously for 24 hours, it shows a shrinkage value which is less than 1%. It can be successfully used for the applications at which other grades of Nefalit and Millboard to be used.

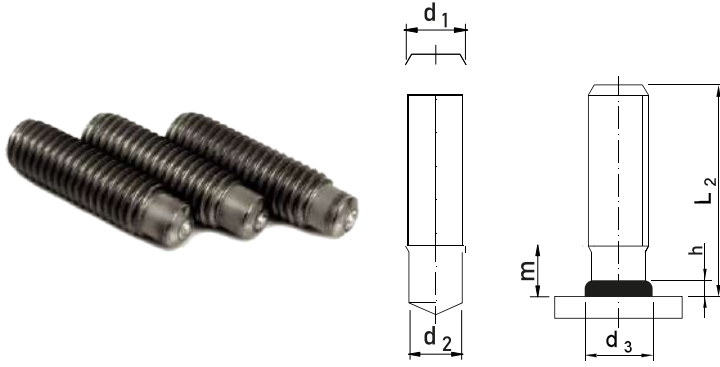


Nefalit 16: Ceramic fiber based product with a classification temperature of 1200 °C. It is asbestos free, has a density of 1000 kg/m³ and tile red in colour. With a shrinkage value of lower than 4% at 1150 °C, it is used at high temperature insulating applications due to its high abrasion resistance. It is a particular product to be used in centrifugal casting.

SPARK WELD STUDS



THREADED STUD TYPE RD, PD, UD and DD

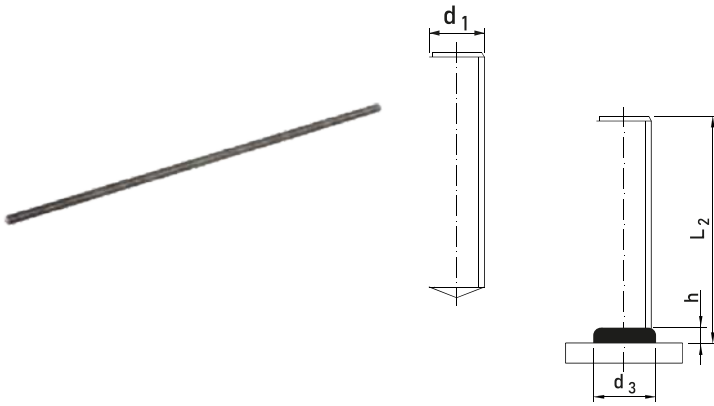


Material: stainless steel , steel 4.8 and alum 6082-6061.

Use: threaded mounting studs with undercut threads and shafts come in a wide range of applications in the marine and land industry. ISO 13918

Availability: on request (limited stock)

Logistic minimum: 100 pcs/package

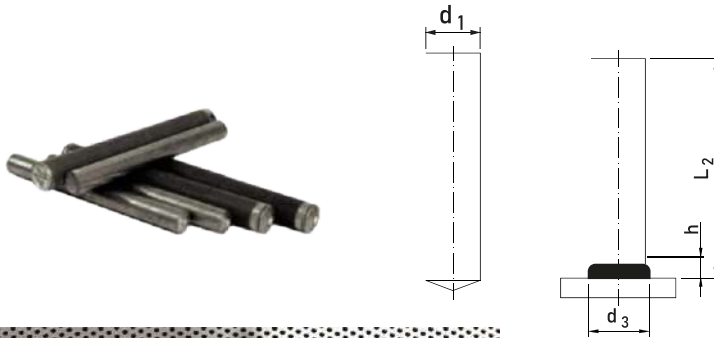


Material: stainless steel and steel 4.8

Use: mounting studs are fully threaded and usable in a wide range of marine and land industry.

Availability: on request (limited stock)

Logistic minimum: 100 pcs/package



Material: stainless steel and steel 4.8

Use: unthreaded mounting studs come in a wide range of applications in the marine and land industry.

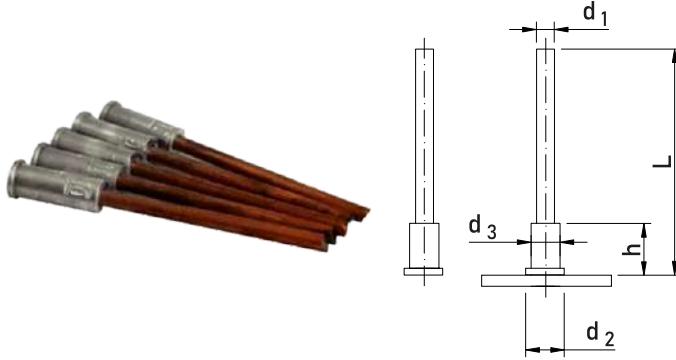
Availability: on request (limited stock)

Logistic minimum: 100 pcs/package



SOLATION NAILS

BIMETAL PIN VBS (ALUMINIUM AREA)



Material: copper covered steel, stainless steel 1.4301 (aluminium ending)

Use: assembling the insulation on aluminium surfaces in the marine and land industry. Bimetal pins are made of heat-sealable wire in diameter $\varnothing 3\text{mm}$.

Logistic minimum:

25mm – 40mm – 2000 pcs./package

50mm – 100mm – 1000 pcs./package

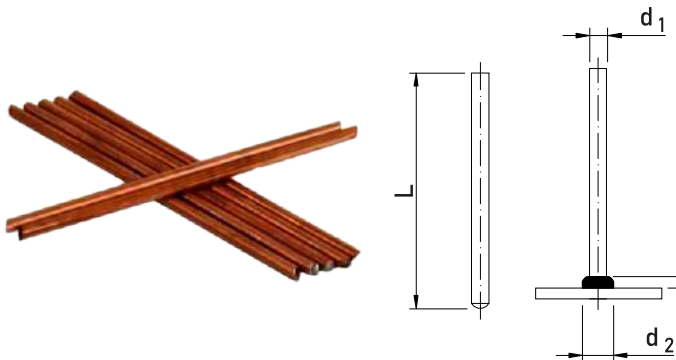
from 110mm – 500 pcs./package

ALUMINUM CAPSULE INSULATION NAIL

It is produced in 40 mm, 80 mm, 120 mm, 140 mm and 160 mm lengths.

Nail wall thickness: 3 mm

INSULATION PIN



Material: copper covered steel, stainless steel 1.4301

Use: assembling the insulation in the marine and land industry. Insulation pins are made of heat-sealable wire in diameters range $\varnothing 2\text{mm}$ to $\varnothing 5\text{mm}$

Availability:
on request

Logistic minimum:

25mm – 50mm – 2000 pcs./package

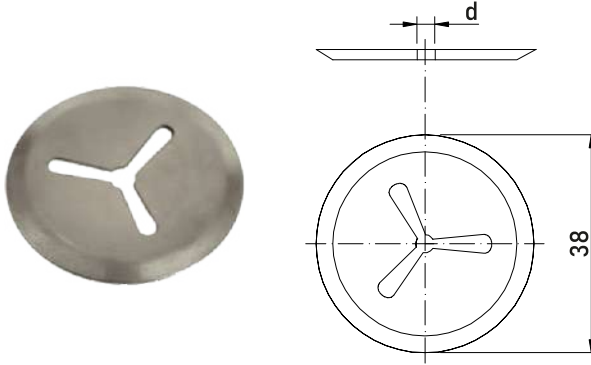
60mm – 150mm – 1000 pcs./package

from 160mm – 500 pcs./package

It is produced in 40 mm, 80 mm, 120 mm, 140 mm and 160 mm lengths.

www.vizyonendustriyelalitim.com/uploads/pdf/VIZYON_WELD_STUDS.pdf 

CLIP TYPE R



Material: galvanized steel ST, OC;
stainless steel 1.4301

Use: applicable for mounting insulation on
alltypes of pins.

Availability: in stock

Logistic minimum: 6000 pcs/package

ALUMINUM CAPSULE INSULATION NAIL

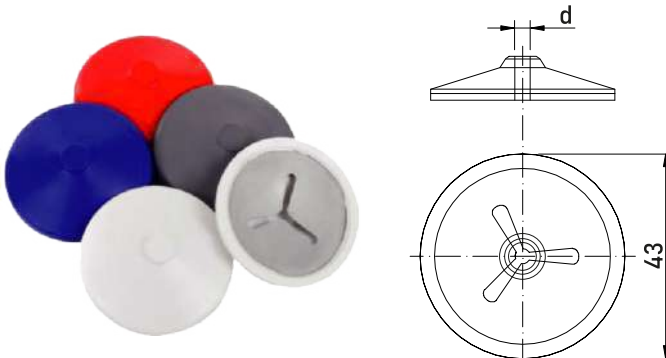
It is produced in 40 mm, 80 mm, 120 mm, 140 mm and 160 mm lengths.

Nail wall thickness: 3 mm

MATERIAL: STEELST

d	Diameter (mm)	Weight(kg/100)	Index
3	38	0,35	T-03-001T-
4	38	0,35	03-002

CLIP TYPE WN (DECORATIVE)



Material: galvanized steel ST, OC;
stainless steel 1.4301

Use: applicable for mounting insulation on
alltypes of pins. Clip supplied with decorative
PVCcover.

Availability: in stock

Logistic minimum: 2500 pcs/package

ALUMINUM CAPSULE INSULATION NAIL

It is produced in 40 mm, 80 mm, 120 mm, 140 mm and 160 mm lengths.

Nail wall thickness: 3 mm

www.vizyonendustriyelyalitim.com/uploads/pdf/VIZYON_WELD_STUDS.pdf

TEXTILES PRODUCT LINE



SORBERTEXTILE

It is a glass-based acoustic textile coated with a heat sensitive adhesive. The fabric is designed and certified to provide excellent mechanical strength, opacity, permeability and non-flammability. It is mainly designed for mounting behind porous panels, in order to provide good sound absorption and an elegant appearance. If the fabric is being used for further enhancement of acoustic properties, it also helps to prevent fiber release from bulk insulating materials such as; polyester blanket, rock wool or fiberglass. Sorbertextile STA can be laminated with Sorberscreen, Sorberfoam and Sorberpoly, in order to increase the fire and acoustic performance. When laminated to porous metal, Sorberscreen ST achieves the highest fire ratings in low flame spread, conforming to International standards of MED B and MED D certificates (Wheelmark)

ROLL WIDTH: 1.20 m.

www.vizyonendustriyelyalitim.com/sorbertextile-sta 



GLASS FIBER FABRIC ST 1 and ST 55

ST 1 and ST 55 : FIBER GLASS COATED INSULATION FABRIC ON MINERAL WOOL

Material : Fiberglass

Usage: thermal insulation material, non-combustible, chemically resistant.

No exposure to water corrosion.

Its durability, corrosion and deterioration resistance is certified by DNV.

It is also approved by DNV for being resistant to 450° C heat.

www.vizyonendustriyelyalitim.com/st-1-ve-st-55-cam-elyaf-kaplamali-mineral-yun-uzeri-yalitim-kumasi 



CERAMIC FIBER FABRIC

CERAMIC FIBER FABRIC 900° C / WIRE REINFORCED

It is a product, produced from ceramic fiber yarns and suitable for high temperature use.

www.vizyonendustriyelyalitim.com/seramik-elyaf-kumas-900-c-tel-takfiyeli 



POLYURETHANE COATED GLASS FIBER FABRIC
POLYURETHANE COATED FIBER GLASS FABRIC 400° C

The product obtained by coating polyurethane on glass fiber, provides high resistance to oils and solvents.

www.vizyonendustriyelyalitim.com/poliuretan-kapli-cam-elyaf-kumas-400-c 



ALUMINUM COATED GLASS FIBER FABRIC

It is an aluminum coated glass fiber fabric. Please contact for detailed information. (For different sizes and features)

www.vizyonendustriyelyalitim.com/alm-gc-aluminyum-kapli-cam-elyaf-kumas 

TAPE PRODUCT LINE



TAPE GC 120 MARINE

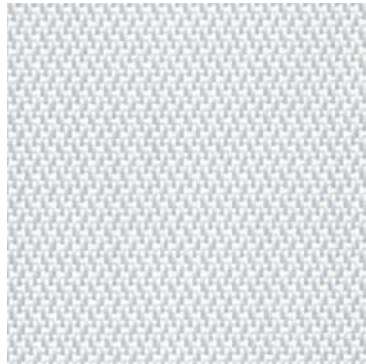
The Tape GC120 Marine is a pressure sensitive fabric-coated thermal insulation adhesive tape, designed for marine applications. It is combined with high performance solvent acrylic silicon paper that can easily come off.

TAPE WIDTH OPTIONS: 50 mm, 75 mm and 100 mm

It is the most economical fabric tape that meets IMO standards and has valid approval certificates.

www.vizyonendustriyelalitim.com/tape-gc-120-marine 

TAPE ST 1 GLASS CLOTH



Material: glass fibre

Use: joining insulation materials covered with glass cloth. The products are easy to apply, exhibiting instant adhesion and can be shaped to any profile. The product is MED certified.

Availability: in stock

TEMATI TEMFOIL-IMO ALUMINUM TAPE



A soft aluminium tape coated with a long lasting, ultra violet resistant, cold weather acrylic adhesive. Available in 50, 75 and 100mm width with a roll length of 100 meters. One side is lined with a white release Kraft paper - showing the official IMO steering wheel and ECB Notified Body number - to protect the adhesive face.

Technical Specifications

Minimum Temperature	: - 40
Maximum Temperature	: 120
Medium/vessel temperature	: Yok
Suitable for indoor or outdoor use	: Dış Mekan
Brand	: Temati
Colour	: Alüminyum

<https://www.temati.com/product/temfoil-imo-aluminum-tape/> 

VENTILATION PRODUCT LINE

MARINE HVAC ACOUSTIC SOLUTIONS



BENDABLE CIRCULAR MUFFLER

The inner insulation material is equipped with a special non-flammable mineral wool. It is classified according to EN 1506 or EN 13180. The air tightness of the stem is in accordance with EN 1572, class D.

It is produced between Ø100 mm and 400 mm. Max. Allows a flow rate of 8000 m³/h

It is produced between Ø100 mm and 400 mm. Max. Allows a flow rate of 8000 m³/h



SILENT FAN

Low profile, "mixed flow" fans with sound absorbing insulation. They are known to be extremely quiet. Models TD-350, TD-500, TD-800, TD-1000 and TD-2000 are approved and certified by the Noise Abatement Society. The inner wall has a special porous design that directs the sound waves towards the sound absorbing material.

Motor speed is adjustable, double speed, IP 44, 230V-50Hz motor. The motors have ball bearing and overload protection and are class B. (1) Except TD-160 SILENT.

VERMAPOR, VENTILATION DUCT INSULATION SYSTEMS

Promat[®]-VERMAPOR

Free Layer Anti-drumming & Anti-condensation Coating



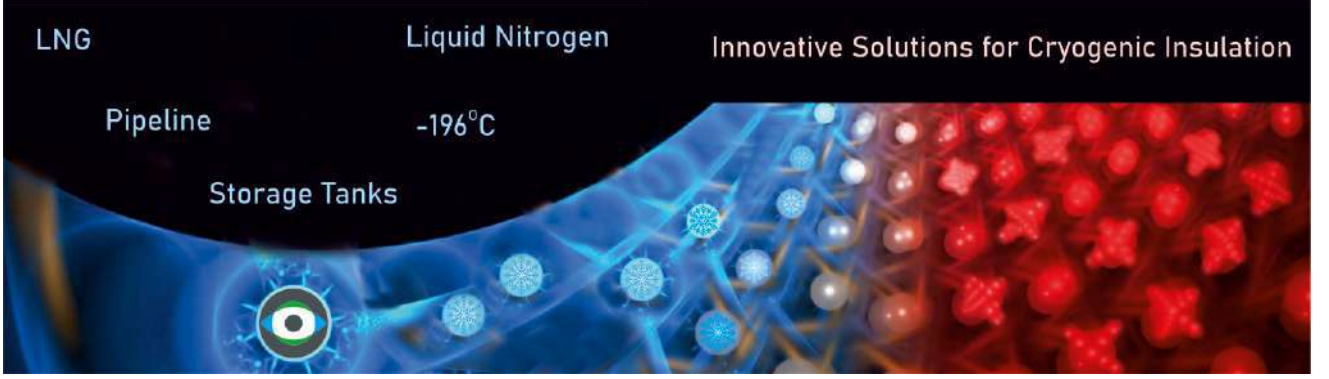
www.promat-marine.com



etex industry



INNOVATIVE SOLUTIONS FOR CRYOGENIC ISOLATION



vizyon[®]
ENDÜSTRİYEL



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