



CUSTOMIZED ELASTOMER SOLUTIONS FOR NAVAL INDUSTRY

SEALING, DAMPING AND ACOUSTIC INSULATION, PROTECTION

Ensure perfect discretion and security for your ships and crews!

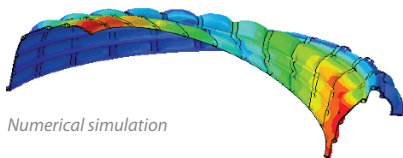
Hannecard has more than a thousand formulations and develops custom elastomer solutions for military surface and submarine vessels.

CUSTOMER REQUIREMENTS :

- Resistance to pressure & deformation
- Resistance to seawater, oil
- Resistance to shocks and compression
- Resistance to temperature variations and high temperatures (250°C)
- Resistance to marine growth
- Constant and controlled properties
- Maintenance of technical characteristics over the time



Insulation bushes / Sealing profiles / Bellows and HVAC ducts



Numerical simulation

MORE INFORMATION?

For more information, please contact your local Hannecard partner or visit our website at:
<https://www.hannecard.com/en/products-services/elastomer-parts-surface-protection/>

4 good reasons to choose the Hannecard solutions :

1. A product range unique in the market

A range of presses and tools allowing us to offer a unique range in dimensions.

- Extruded profiles up to 350 x 180 mm, 33 m length without any welding
- Rubber molded parts up to 2000 x 1 000 mm x 500 m or polyurethane molded parts up to 2000 x 2 000mm x 8 000mm. Possibility metal and fabric insert.
- Pieces in confection.

Tailor-made solutions according to your drawings and specifications for sealing needs (hatch seals), damping and acoustic insulation (insulation bushes, and damping pads) and fluid transportation (bellows, HVAC duct)

2. Technical support

- Technical advices on choice of materials, hardness and dimensioning.
- R&D in own laboratory to define a tailor-made material.
- Possibility of numerical simulation to validate the dimensioning.

3. Our solutions

- Definition of a specific elastomer holding the marine environment and the specific operating conditions – for example:
 - Elastomer resistant to temperatures up to 250 ° C
 - Toxic emission free elastomer with high Oxygen Index
 - EMC shielding elastomer
- Test benches to release the required characteristics
- Supply of parts with metal or fabric insert if required

4. Some of our references

Naval Group, Navantia, Sub-marines, Surface ships