



vipoo



**BORBOTECH**



**Defense  
SOLUTIONS**

Vipo has been a supplier of polymer solutions to the defense industry for decades. Our unique polymer solutions have been continuously developed over time and successfully engineered to adapt to the defense markets' diverse and extreme challenges.



Providing polymer solutions since 1896

# UNIQUE POLYMER SOLUTIONS



## SEALING SOLUTIONS

Specially designed rubber seals are used to create barriers against weather, fires, gases and liquids. Due to the flexibility of rubber, the seals are especially suitable for applications where there are movements and vibrations, and are used in submarines, boats on- and offshore, both topside and subsea.

- Seawater, gas and fire barrier seals
- Cable and piping penetration seals
- Custom designs
- No maintenance
- High wear and abrasion resistance



## ELASTOPIPE™

The Elastopipe™ system is made of synthetic rubber and has been used in demanding offshore applications for more than 20 years. We have also delivered this to the Norwegian coastguard ship, KV Svalbard, where we installed 1200 meters of Elastopipe for the NBC- and fire water system in 2001 and the systems are still in use.

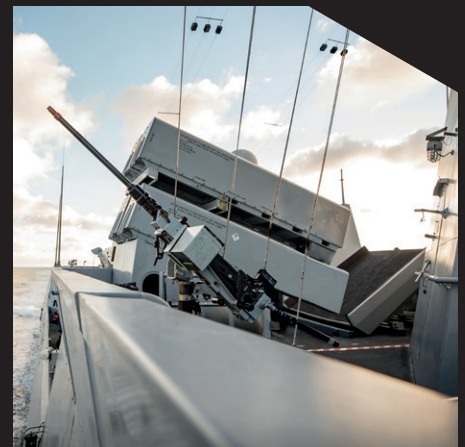
- Explosion, jet fire resistant
- Flexible piping system
- 100% corrosion free
- Maintenance free
- 30+ year design life
- Easy to install, no hot work required
- Lower total installation cost compared to rigid pipe



## VIKODECK®

Vikodeck® is an engineered rubber tile used to protect any surface from fire, heavy impact and corrosion. It is manufactured using Vipo's Firestop rubber material, withstanding severe temperatures and hang fire and blast protection for missile launch areas.

- High wear and abrasion resistance
- Dampen noise, vibrations and impacts
- Anti-skid
- Custom designs
- No maintenance



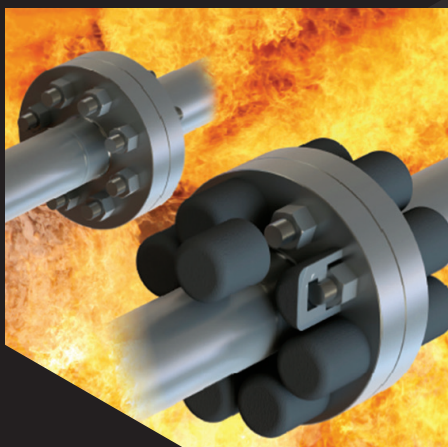




## FIRE NUTS

In case of fire, the flanges and pipes should maintain the same level of integrity to avoid escalation. Vipo has developed jet fire protection for bolted connections to extend service life in the event of a fire. It helps the bolts and flanges to maintain their level of integrity and avoid escalation.

- High resistance to blast, impact, ozone, UV, most solvents and seawater
- Jet fire tested according to ISO standard 22899-1
- Maintenance free
- Easy to install with no hot work required
- Long design life
- Weight and space savings
- Excellent protection from HISC, corrosion, and mechanical damage and wear
- Extends time to rupture up to 4X
- Tailormade to accommodate any bolt size



## BV-206 TRACKS

Our S-1500 tracks are preferred among users, and the significant number of tracks delivered worldwide proves our track record to provide the customer with reliable quality at competitive prices. These tracks have been carefully designed to operate on all surfaces and in all weather conditions.

- Reinforced with Kevlar
- Tested in temperatures between -46 °C and +56 °C
- NATO stock number 2530-25-135-4316
- Hägglunds part number: 253-6713-801
- Section length (64 sections): 90,6 mm +/- 1 mm
- Circumferential length: 5800 mm (between 5795 mm – 5828 mm)
- Width: 620mm
- Quality system: ISO 9001, ISO 14001 and ISO / TS 16949



## ENGINEERED SOLUTIONS

Rubber is an extremely versatile material with unique physical properties, making it ideal for many applications. For a customer we made ammunition protection for M72. It protects against fire, shock and damage. Maintenance free, re-usable and can be helicopter/drone dropped from 20 meters.

- High-performance polymer solutions
- Tailor-made and project specific designs
- Quality guarantee meeting international standards
- Engineering, production and installation





**Vipo's vision is to provide safety for people, the environment and future generations.**

With over 125 years of polymer material technology expertise, we offer advanced reliable solutions for demanding situations. The solutions developed by us use sophisticated material compounds to provide high-performing, efficient and protective systems and products.



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