

INTRODUCING VITON+

For almost 25 years, our clients have got to know and trust AEGIR-Marine's stern tube seal rings.

Using our unique VITON formula, these seals are the proven solution for all major OEM makes available in a wide range of sizes and suitable for all common shaft speeds and both mineral and biodegradable oils.

NOW IT'S TIME FOR AN UPGRADE: WE ARE PROUD TO PRESENT VITON+

Striving for continuous improvement, our R&D team has performed extensive testing on various rubber compound variations over a period of five years. This has resulted in our new product compound which we call VITON+



TOUGH TESTS FOR A TOUGH PRODUCT

In creating VITON+, we followed extensive testing and validation protocols.

>100 static chemical compatibility tests

Our static testing involved testing the physical and mechanical properties of VITON+ against EAL-approved lubricants.

>30,000 hours of dynamic testing

Our dynamic testing included a physical test of 60mm seal rings in a custom-made test rig (checking dynamic sealing function, friction and temperature) as well as 300mm seals in a system test bench simulating a real stern tube system (against wave simulation, misalignment and underlip temperature)

AEGIR-Marine

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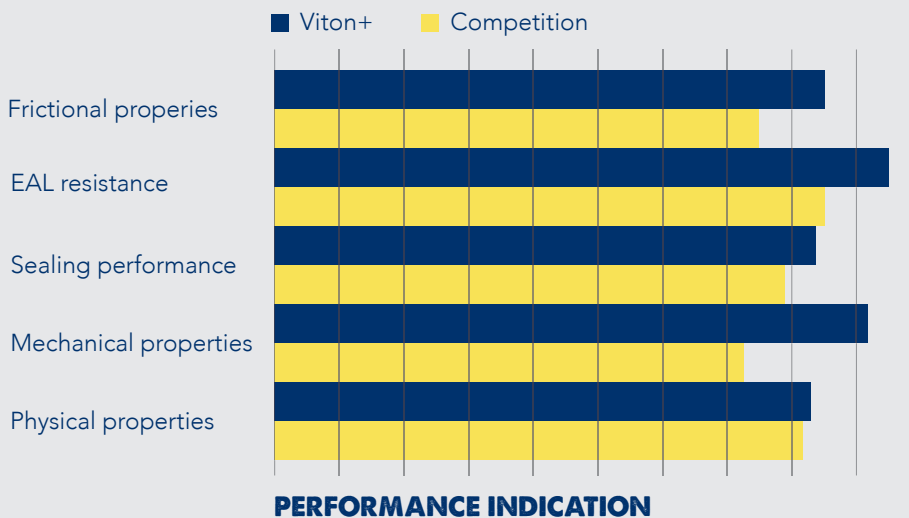


ONE CALL

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WE'LL LET THE DATA SPEAK FOR ITSELF

AEGIR-MARINE VITON+ VERSUS COMPETITION



BASED ON EXTENSIVE TESTING AND VALIDATION AND RAW DATA FROM THE FIELD

We tested our new VITON+ seal rings against comparable products from our competitors. This combined in-house testing under laboratory conditions with raw data from the field. We tested the following performance parameters:

- Frictional properties
- EAL resistance
- Sealing performance
- Mechanical properties
- Physical properties

We are pleased to report that VITON+ exceeded the results of our competitors within every parameter tested. This gives us the highest level of confidence in the quality of our new VITON+ seals.

AEGIR-MARINE: WE BELIEVE IN R&D

The maritime industry is always moving forward in terms of new challenges and regulations. In response to this we are always looking for ways to improve our methods and products – with the ultimate aim to improve the customer service experience.

Our Research & Development department is proof of this philosophy: A state-of-the-art laboratory and research centre where we work on improving our existing products while also developing new ones.

Consisting of a team of material and chemical engineers, PhDs and EngDs, our R&D department takes current and future environmental regulations for the Global markets into account.

Our R&D efforts have three targets:

- Longer lifespan of systems and parts
- Reduced environmental impact
- Compliance with (future) regulations

