

Advanced
Silyl Technology

SEA GRANDPRIN 
950L

Silyl Technology hydrolysis antifouling

SEA GRANDPRIX 950L

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SEA GRANDPRIX 950L establishes a stable antifouling performance by the latest advanced silyl technology in the well-known SEA GRANDPRIX series, with proven performance results, for worldwide trading ships. The CMP's unique silyl polymer is well designed to provide a high antifouling performance, smooth surface as well as the physical property that contribute to fuel saving and low greenhouse gas emissions.

Outstanding antifouling performance

Long life-time up to 90 months

Good overcoatability

Achieving low greenhouse gas emissions

Low numeric FIR value

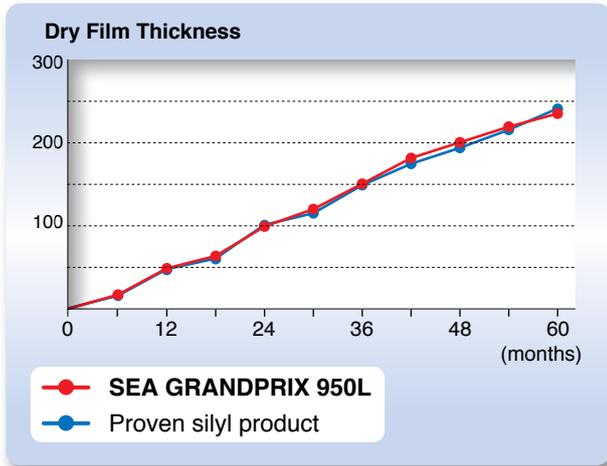
Straight line polishing

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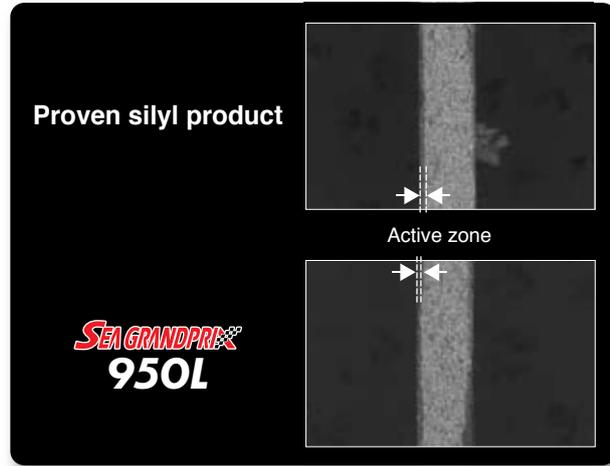
Straight line polishing

SEA GRANDPRIX 950L enables straight line, continuous polishing throughout the entire in service life of the system.



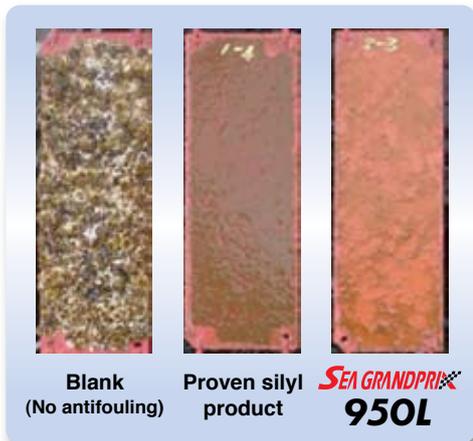
Active zone control

The active zone of SEA GRANDPRIX 950L is continuously controlled throughout in the service period to deliver high performances.



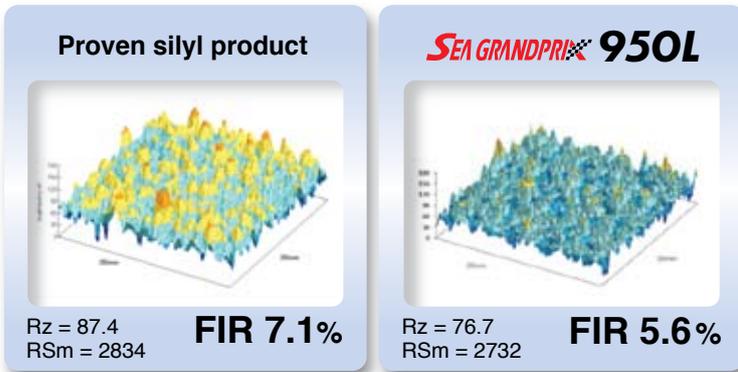
Static performance

8 months seawater immersion result in Hiroshima, Japan.



Average seawater temperature: 25 degrees centigrade

3D diagram – Smooth surface



FIR THEORY (Patented technology)

Product	FIR (%)
SEA GRANDPRIX 950L	5.6
Proven silyl product	7.1
Conventional AF	12 - 15

FIR translates into potential fuel savings when considered with vessel hull forms

*FIR(%) is shown to identify the Low Friction systems.

$$FIR(\%) = 2.62 \times \frac{Rz^2}{\text{roughness}} \div \frac{RSm}{\text{wavelength}}$$

FIR can be estimated from the roughness(Rz) & wavelength(RSm) of the surface, through the above mathematic formula.

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