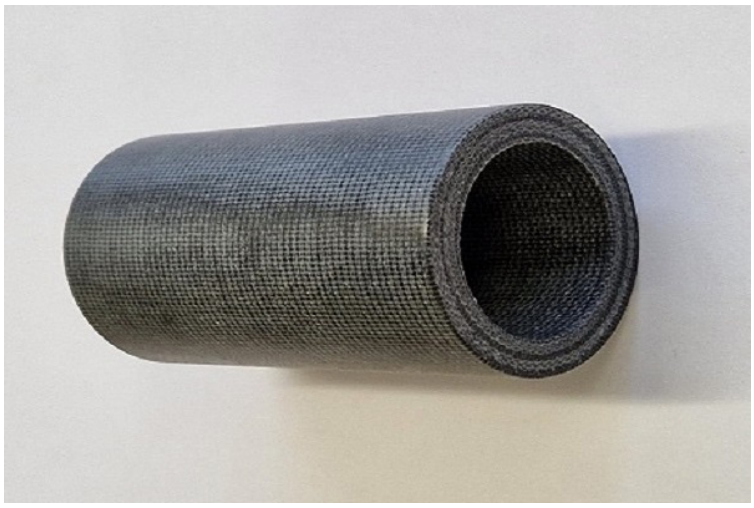
# ASEC



## SLIDING BEARINGS ASAL2M(F)

**SKU:** ASAL2M(F)

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**Categories:** Composite bearings

**Application**
APROVED BY ALL MAJOR MARINE CLASSIFICATION SOCIETIES FOR RUDDER AND STERNTUBE APPLICATION.

**Material**

The material ACM L2 Marine is a high load composite bearing material made of synthetic fabric reinforcement which is impregnated with a thermosetting resin and solid lubricant fillers.

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| Availablity | | Value | Unit |
|---|---|---|---|
| Min. inside diameter | | 12 | mm |
| Max. outside diameter | | 2300 | mm |
| Length standard | | 450 / 670 / 950 | mm |
| Sheet size | | 450x450/670x670/950x950 | mm |
| Sheet thickness | | 2.5-200 | mm |
| Physical properties | Test standard | Value | Unit |
| Max. swell in water at 20 °C | | <0.15 | % |
| Mechanical properties | Test standard | Value | Unit |
| Comp. strength static | | 375 | MPa |
| Module of elasticity | | 2750 | MPa |
| Dynamic load capacity | | 90 | MPa |
| Thermal properties | Test standard | Value | Unit |
| Min. working temperature | | -40 | °C |
| Max. working temperature continous | | 70 | °C |
| Friction properties | Test standard | Value | Unit |
| Coefficient of friction dynamic | | 0,13 | [-] |
| PV dry | | 0.23 | Mpa.ms-1 |

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