Application recommendations
PMA conduits, braids and connectors in ship building applications

Open deck, cargo compartment + engine room (outdoor and indoor application)
• **XVCS2H**: PA12/Polyolefin – Heavy-duty conduit preferably for static applications
  - Multilayer conduit with low friction inner layer for easy cable insertion
  - Excellent mechanical and impact strength even at low temperatures
  - PA12 outer layer provides excellent long term UV resistance
• **XSOL**: PA12/PA6 – Medium-duty conduit for dynamic and static applications
  - Multilayer conduit with low friction inner layer for easy cable insertion
  - Excellent mechanical strength even at low temperatures
  - In black colour excellent weathering and UV resistance
• **VOH**: PA6 – Very heavy-duty conduit preferably for static applications
  - Excellent pressure resistance and very good weathering characteristics
• **VCS**: PA6 – Heavy-duty conduit preferably for static applications
  - Excellent mechanical and impact strength even at low temperature

Superstructure, crew and passenger compartments (indoor applications)
• **VAM**: PA6 – Flexible, heavy-duty conduit preferably for static applications
  - Complies with highest international fire safety regulations regarding smoke and toxicity
• **VAML**: PA6 - For high fire and passenger safety requirements in interior applications such as passenger areas or public buildings
  - Minimal development of smoke and gases
  - Good impact strength and flexibility
  - EN 45545-2 HL3

On masts and booms / movable systems (outdoor applications)
• **PIS/PIH**: PA12 – Medium-duty and heavy-duty conduit preferably for dynamic applications
  - In black colour excellent weathering and UV res.
  - Excellent flexibility and flexural fatigue strength
• **XSOL**: PA12/PA6 – Medium-duty conduit for dynamic and static applications (for properties see XSOL)

PMA Connectors of these PMA lines are suitable for applications in ship building:
• PMAFIX Pro
• PMAFIX IP68
• PMAFIX IP68GT
• PMAFIX IP66
• PMA Divisible System
• PMA Smart Line
Power engines
- **LLPA**: PA6 – Medium-duty conduit for static applications and those subjected to occasional movements
  - Very good flexibility and flexural fatigue strength

Braids: Cable bundling and abrasion protection
- **F.66 / C.66 / L.66**: PA6.6
- **F.PX / L.PX**: Polyester – Braids for bundling + protection of elect. wires
- **G.PX**: Polyester – Open, self rewinding construction for fast installation

Possible alternatives: Depending on project and application area further PMA products may be suitable. Please contact the local PMA specialist or PMA AG, CH-8610 Uster for further application engineering support.