

# Axilock-S or Axilock-FP

## marine application guide



### Marine applications guide to the use of Axilock-S / Axilock couplings and Axilock-FP / Axilock-FP Ultra

Ship System	Axilock-S & Axilock	Axilock-FP & Axilock-FP Ultra	Notes
<b>Flammable Fluids (Flash Point ≤ 60°C)</b>			
Cargo Oil Lines	✓	✓	Axilock-FP must be used in pump rooms and on open decks.
Crude Oil Washing Lines	✓	✓	Axilock-FP must be used in pump rooms and on open decks.
Vent Lines	x	✓	
<b>Inert Gas</b>			
Water Seal Effluent Lines	✓	✓	
Scrubber Effluent Lines	✓	✓	
Main Lines	✓	✓	Neither type permitted in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations. Axilock-FP must be used in pump rooms and on open decks.
Distribution Lines	✓	✓	Axilock-FP must be used in pump rooms and on open decks.
<b>Flammable Fluids (Flash Point &gt; 60°C)</b>			
Cargo Oil Lines	✓	✓	Axilock-FP must be used in pump rooms and on open decks.
Fuel Oil Lines	x	✓	Only Axilock-FP permitted but not in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations.
Lubricating Oil Lines	x	✓	Only Axilock-FP permitted but not in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations.
Hydraulic Oil	x	✓	Only Axilock-FP permitted but not in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations.
Thermal Oil	x	✓	Only Axilock-FP permitted but not in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations.
<b>Sea Water</b>			
Bilge Lines	✓	✓	Inside Category A machinery spaces only Axilock-FP is permitted.
Fire Main & Water Spray	x	✓	
Foam System	x	✓	
Sprinkler System	x	✓	
Ballast System	✓	✓	Inside Category A machinery spaces only Axilock-FP is permitted.
Cooling Water System	✓	✓	Inside Category A machinery spaces only Axilock-FP is permitted.
Tank Cleaning Services	✓	✓	
Non-Essential Systems	✓	✓	
<b>Fresh Water</b>			
Cooling Water System	✓	✓	Inside Category A machinery spaces only Axilock-FP is permitted.
Condensate Return	✓	✓	Inside Category A machinery spaces only Axilock-FP is permitted.
Non-Essential System	✓	✓	
<b>Sanitary / Drains / Scuppers</b>			
Deck Drains (Internal)	✓	✓	Use of couplings allowed only above freeboard deck.
Sanitary Drains	✓	✓	
<b>Sounding / Vent</b>			
Water Tanks / Dry Spaces	✓	✓	
Oil Tanks (flash point > 60°C)	x	✓	Only Axilock-FP permitted but not in Category A machinery spaces or accommodation spaces. Other machinery spaces may be acceptable providing couplings are in easily visible and accessible locations.
<b>Miscellaneous</b>			
Service Air (Non-Essential)	✓	✓	
Brine	✓	✓	
Steam	✓	✓	Couplings must be restrained on the pipes and may be used on deck with a design pressure of 10 bar or less.

The above table is for guidance only. For full details and more information on allowances and limitations on marine installations see IACS UR P2 Table 7, available as a download from [www.iacs.org.uk](http://www.iacs.org.uk)

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