

Application Matrix for GF Plastic Piping Systems in the Maritime Industry

+GF+

**Plastic Piping Systems in
Shipbuilding**

GF Piping Systems

+GF+

Plastic Piping Systems Potential in Ship Building (Priorities)

Applications with GF Plastic Piping Systems



Grey and Black Water:
FUSEAL Sea Drain
(PPFR), PVC, ABS



Hot and Cold, Fresh
Water: INSTAFLEX® (PB),
AQUASYSTEM (PP-R)



Water Treatment
(drinking water,
waste water and
swimming pools):
PVC-C, PVC-U, PP-H,
PE, ABS, PB



Sea and Fresh Water
Cooling: PE 100



Air Condition: ABS, PE 100



Refrigeration below 0°C:
ABS, PE 100



Ballast systems: PE 100

Relevant and available materials

<i>Material</i>	PVC-C	PVC-U	ABS	PE 100	PP-H	PP-R	PB INST	FUSEAL Sea Drain
Application								
Hot Water	■					■	■	
Cold Water		■		■	■	■	■	
Compressed air				■				
Black Water	■	■						■
Grey Water	■	■						■
Water Treatment	■	■			■		■	
Desalinisation	■	■						
Reverse Osmose	■	■			■		■	
Air Chilled Water 0-40 °C			■	■				
Refrigeration Water below 0 °C			■					
Sea and Freshwater cooling				■				
Balastsysteme				■				
Heating							■	