

# Quick Couplings



Best Installed Value

SECTION FIFTEEN

TECHNICAL SPECIFICATIONS



## *Quick Couplings* Features and Benefits

- Fast and easy to assemble and disconnect – push the pipe onto the fitting and fasten with pipe clip.
- Manufactured from UV Stabilised High Quality Glass Fibre Reinforced Nylon giving a weather, termite, fungi and bacterial resistance
- Material Approved for use with Potable (drinkable) Water
- Low installation costs - no specialist site equipment or skilled labour required
- Fittings demonstrate excellent hydraulic flow characteristics
- Flexibility and Versatility - in new and existing installations, saving time and money

## *Quick Couplings* Working Pressure

The pressure rating for the *Quick Coupling* Pipe Fittings is 16 bar @ 20 degrees C

## *Quick Couplings* Approvals

### **SGS M&I**

Hansen *Quick Couplings* in sizes 15mm to 50mm (1/2" to 2"), have been approved in SGS Marine Certificate. The M&I division of SGS New Zealand Limited is the country's largest marine and industrial inspection, testing and Safe Ship Management service provider.

Fire Rating UL94HB

See our website for further details.

## Quick Couplings Chemical Resistance Chart

CHEMICAL TYPE	RESISTANCE LEVEL		
	Good	OK But Check Further	BAD Try to Avoid
Acids Weak			X
Acids Strong			X
Organic Acids Weak		X	
Organic Acids Strong			X
Bases Weak	X		
Bases Strong		X	
Bleach			X
CHEMICAL TYPE	RESISTANCE LEVEL		
Automotive Fuel			X
Automotive Lubricants			X
Hydraulic Fluids			X
CHEMICAL TYPE	RESISTANCE LEVEL		
Solvents		X	
Hydrocarbons	X		
Halogens			X
Alcohols		X	
Aldehydes			X
Amines			X
Esters			X
Ethers			X
Ketones			X
CHEMICAL TYPE	RESISTANCE LEVEL		
Detergents	X		
Oxidising Agents			X
Weak Hydrogen Peroxide		X	
Phenols			X

PLEASE NOTE: This chart is intended as a basic guide only. The resistance to a given chemical will vary with temperature & concentrations. Some chemicals within the group mentioned may result in different rating. For further information, please email us with your specific question.

## *Quick Couplings* Frequently Asked Questions

**Q What temperature can I use Hansen fittings at?**

**A** Hansen have tested all its products for use with cold water up to a maximum temperature of 60°C (140°F). We do not recommend the use of these products with temperatures higher than 60°C (140°F) as plastic expands due to temperature increases. Hansen cannot guarantee the products will perform when used with temperatures over 60°C (140°F). Hansen products that have failed in temperatures higher than 60°C (140°F) will not be covered by warranty.

**Q Can I use Hansen fittings in marine applications?**

**A** Yes. While marine applications vary, Hansen fittings are resistant to sea water. The fittings will not leach any substances that will be harmful to marine life. Hansen fittings have provided excellent service in marine applications for many years without failure. If you require further information, please contact us by email with details regarding your application.

**Q Can I use Hansen Quick Couplings with different types of pipe?**

**A** Yes, because it relies on the hose clip to fasten the pipe to the tail.