

Easy Fit

Pipe Fittings



Best Installed Value

SECTION TEN

TECHNICAL SPECIFICATIONS



Easy Fit Pipe Fittings Features & Benefits

- One piece fitting - no components to lose, rust or corrode
- Fast and easy to assemble – push the pipe onto the fitting and wind on the nut. No O-Ring, No Crimping, No Solvent Cement
- Nut and Barbs provide superior double strength grip – when fitted correctly the fitting will not blow off the pipe
- 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.

Easy Fit Pipe Fittings Approvals

AS/NZS 4020 - Hansen *Easy Fit* Pipe Fittings from 15mm to 50mm have met the requirements of AS/NZS 4020 Australia & New Zealand drinking water test standard.

SGS M&I - Hansen *Easy Fit* Pipe Fittings in sizes 15mm to 50mm (1/2" to 2"), have been approved in SGS Marine Certification. 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.

Easy Fit Pipe Fittings Quick & Easy Installation

- All pipe work must be adequately supported.
- Use either a thread sealing paste or tape on all threaded connections, we recommend Loctite 5331
- For further technical information including chemical & temperature specifications, please visit our website: www.hansenproducts.com



1 Cut the pipe with pipe cutters, a knife or saw. Ensure a square cut of pipe ends. Clean burs off pipe. When making a repair in a burst pipe make sure the length of the cut away matches the length of the replacement fitting between the screwed on nuts.



2 Ensure the nut is fully wound back onto the body of the fitting. Push the pipe onto the fitting and as far as possible into the nut.



3 Wind the nut onto the pipe a few turns. Tighten with spanner or pipe grips.

Easy Fit Pipe Fittings
 Technical Information

Easy Fit Pipe Fittings 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.

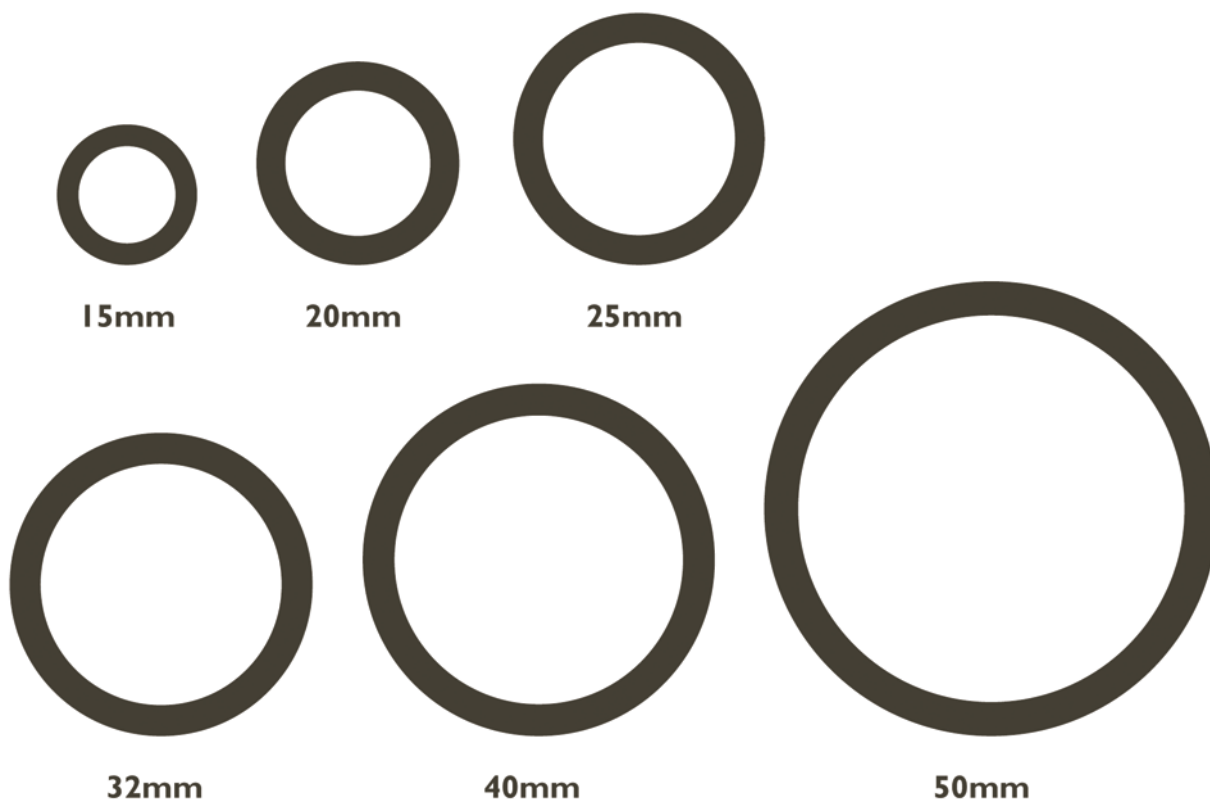
Pipe Specifications

STANDARD NZS 7601:1978 (New Zealand) Polyethylene Pipe (Type 3) For Cold Water Service

Nominal Bore	Inside Diameter		Outside Diameter		Wall Thickness		Working Pressure	
	Min	Max	Min	Max	Min	Max		
mm	mm	mm	mm	mm	mm	mm	mpa	psi
15	11.7	12.7	16.9	17.3	2.3	2.6	0.90	130.50
20	17.9	19.2	24.9	25.4	3.1	3.5	0.80	116.00
25	24.2	25.6	31.2	31.8	3.1	3.5	0.65	94.25
32	30.5	31.9	37.5	38.1	3.1	3.5	0.50	72.50
40	36.8	38.3	43.8	44.5	3.1	3.5	0.45	65.25
50	49.5	51.0	56.5	57.2	3.1	3.5	0.35	50.75

Easy Fit Pipe Fittings Maximum Working Pressures

The pressure rating for the *Easy Fit* Pipe Fittings is 16 bar @ 20 degrees C



Easy Fit Pipe Fittings Frequently Asked Questions

Q How tight should I tighten my fittings?

A Wind the nut by hand onto pipe as tight as possible. Use a spanner or pipe grips to tighten until nut is firm on pipe.

Q I have laid my pipe and connected my joiners. I came back in the morning to find that the pipe and fittings had come apart.

A When laying pipe ensure there is sufficient slack in the pipe to allow for expansion and contraction of the pipe as the ambient temperature changes.

Q What type of pipes will Hansen fittings connect to?

A New Zealand LDPE (Low Density Polythene Pipe), EnduroFlex, Australian Rural Class B, Irish Imperial Polythene Pipes (including wash down hose and non toxic tube).

Q What is the best size of pipe for my needs?

A Refer to a qualified water reticulation installer for professional advice to suit your needs.

Q Can I use my Hansen fittings with my swimming pool/spa pool set up?

A No, as the high concentration of chlorine used in the water for pools will attack the material. The fitting material is only suitable for use with domestic water. Hansen products that are used in this application will not be covered by warranty.

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.