



OFFICIAL LISTING

NSF International Certifies that the products appearing on this Listing conform to the requirements of NSF/ANSI Standard 14 - Plastics Piping System Components and Related Materials

This is the Official Listing recorded on September 11, 2015.

Technologia Hidraulica THC S.A.
Mar del Sur No 7481
Barrio Industrial Pudahuel
Pudahuel, Santiago
Chile
56 2 749 1002

Facility: Santiago, Chile

Potable Water - Pipe and Fittings

Product Type	Material Type	Trade Name	Product Standard
<i>Fittings</i> ^ç § +++ [G]	PLS	<i>Flair-Fit</i> *	ASTM F877
Cap			
3/4" (R7861)			
Coupling			
1/2" p x 1/2" p	1/2" p x 3/4" p (R7845)		
3/4" p x 3/4" fpt sw (7849)	3/4" p x 3/4" p (R7846)		
Drop Ear Elbow			
1/2" p x 1/2" fpt			
Elbow			
1/2" p x 1/2" p	1/2" p x 3/4" p (R7805)		
3/4" p x 3/4" mpt (R7809)	3/4" p x 3/4" p (R7806)		
Female Adapter			
1/2" p x 1/8" fpt	1/2" p x 3/8" fpt		
1/2" p x 1/2" fpt	3/4" p x 3/4" fpt (R7847)		
Female Elbow			
1/2" p x 1/2" fpt			
Male Adapter			
1/2" p x 1/2" mpt	1/2" p x 3/8" mpt		
3/4" p x 3/8" mpt (R7848)	3/4" p x 3/4" mbsp (R7872)		
Male Elbow			
1/2" p x 3/8" mpt	1/2" p x 1/2" mpt		
Plug			
1/2" p	3/4" p (R7864)		
Swivel Coupling			
1/2" p x 1/2" fbbsp	1/2" p x 1/2" fpt sw		
Swivel Elbow			
1/2" p x 1/2" fbbsp	3/4" p x 3/4" fpt (R7807)		
Tee			

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.



1/2" p x 1/2" p x 1/8" fpt
 1/2" p x 1/2" mpt x 1/2" fpt sw
 1/2" mpt x 1/2" mpt x 1/2" p
 1/2" p x 1/2" mpt x 1/2" p
 1/2" p x 1/2" mpt x 1/2" mpt
 1/2" p x 1/2" p x 1/2" fpt sw
 1/2" p x 1/2" p x 1/2" mpt
 1/2" p x 1/2" p x 1/2" p
 1/2" p x 1/2" sw x 1/2" p
 3/4" p x 1/2" p x 1/2" p (R7824)
 3/4" p x 1/2" p x 3/4" p (R7825)
 3/4" p x 3/4" p x 1/2" p (R7826)
 3/4" p x 3/4" p x 3/4" p (R7872)
 Fittings [♂] ♂ +++ [G]

PLS

Flair-Fit *

CSA B137.5

Cap

3/4" (R7861)

Coupling

1/2" p X 1/2" p 1/2" p x 3/4" p (R7845)

3/4" p x 3/4" fpt sw (7849) 3/4" p x 3/4" p (R7846)

Drop Ear Elbow

1/2" p x 1/2" fpt

Elbow

1/2" p x 1/2" p 1/2" p x 3/4" p (R7805)

3/4" p x 3/4" mpt (R7809) 3/4" p x 3/4" p (R7806)

Female Adapter

1/2" p x 1/8" fpt 1/2" p x 3/8" fpt

1/2" p x 1/2" fpt 3/4" p x 3/4" fpt (R7847)

Female Elbow

1/2" p x 1/2" fpt

Male Adapter

1/2" p x 1/2" mpt 1/2" p x 3/8" mpt

3/4" p x 3/8" mpt (R7848) 3/4" p x 3/4" mbsp (R7872)

Male Elbow

1/2" p x 3/8" mpt 1/2" p x 1/2" mpt

Plug

1/2" p 3/4" p (R7864)

Swivel Coupling

1/2" p x 1/2" fbasp 1/2" p x 1/2" fpt sw

3/4" p x 3/4" fpt (R7807)

Swivel Elbow

1/2" p x 1/2" fbasp 3/4" p x 3/4" fpt (R7807)

Tee

1/2" p x 1/2" p x 1/8" fpt

1/2" p x 1/2" mpt x 1/2" fpt sw

1/2" mpt x 1/2" mpt x 1/2" p

1/2" p x 1/2" mpt x 1/2" p

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1/2" p x 1/2" mpt x 1/2" mpt
 1/2" p x 1/2" p x 1/2" fpt sw
 1/2" p x 1/2" p x 1/2" mpt
 1/2" p x 1/2" p x 1/2" p
 1/2" p x 1/2" sw x 1/2" p
 3/4" p x 1/2" p x 1/2" p (R7824)
 3/4" p x 1/2" p x 3/4" p (R7825)
 3/4" p x 3/4" p x 1/2" p (R7826)
 3/4" p x 3/4" p x 3/4" p (R7872)
 Fittings ♂ § +++ [G]

PLS

New Flair-it *

ASTM F877

Cap

1/2" (36860) 3/4" (36861)

Coupling

1/2" p x 1/2" fbsp (7873)	1/2" p x 1/2" fpt (36841)
1/2" p x 1/2" mpt (36842)	1/2" p x 1/2" p (7840)
1/2" p x 1/2" p (36840)	1/2" p x 1/2" sw (36873)
1/2" p x 3/4" fpt (7856)	1/2" px 3/4" fpt sw (36856)
1/2" p x 3/4" p (7845)	1/2" p x 3/4" p (36845)
3/4" p x 3/4" fpt (7849)	3/4" p x 3/4" fpt (36847)
3/4" p x 3/4" mbsp (36872)	3/4" p x 3/4" mpt (36848)
3/4" p x 3/4" p (7846)	3/4" p x 3/4" p (36846)
3/4" p x 3/4" p (36849)	

Elbow

1/2" p x 3/8" mpt (7810)	1/2" p x 3/8" mpt (36810)
1/2" mpt x 1/2" sw (36785)	1/2" p x 1/2" fbsp (7816)
1/2" p x 1/2" fpt (7802)	1/2" p x 1/2" fpt (36802)
1/2" p x 1/2" mpt (7803)	1/2" p x 1/2" mpt (36803)
1/2" p x 1/2" p (7800)	1/2" p x 1/2" p (36800)
1/2" p x 1/2" sw (36816)	1/2" p x 3/4" fpt (7811)
1/2" p x 3/4" p (7805)	1/2" p x 3/4" sw (36811)
3/4" p x 3/4" fpt (7807)	3/4" p x 3/4" mpt (7809)
3/4" p x 3/4" mpt (36809)	3/4" p x 3/4" p (7806)
3/4" p x 3/4" p (36806)	3/4" p x 3/4" sw (36807)

Female Adapter

1/2" p x 1/2" fpt (7841) 3/4" p x 3/4" fpt (7847)

Male Adapter

1/2" p x 1/2" mpt (7842) 3/4" p x 3/4" mbsp (7872)

3/4" p x 3/4" mpt (7848)

Plug

1/2" (36863) 3/4" (36864)

Tee

1/2" p x 1/2" p x 1/8" fpt (7834)
 1/2" p x 1/2" p x 1/2" fpt (36834)
 1/2" mpt x 1/2" mpt x 1/2" p (7839)
 1/2" mpt x 1/2" mpt x 1/2" p (36839)
 1/2" mpt x 1/2" sw x 1/2" mpt (7836)

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1/2" p x 1/2" mpt x 1/2" mpt (7837)
 1/2" p x 1/2" mpt x 1/2" mpt (36837)
 1/2" p x 1/2" mpt x 1/2" p (7838)
 1/2" p x 1/2" mpt x 1/2" p (36838)
 1/2" p x 1/2" p x 1/2" mpt (7822)
 1/2" p x 1/2" p x 1/2" mpt (36822)
 1/2" p x 1/2" p x 1/2" p (7820)
 1/2" p x 1/2" p x 1/2" p (36820)
 1/2" p x 1/2" p x 1/2" sw (7821)
 1/2" p x 1/2" p x 1/2" sw (36821)
 1/2" p x 1/2" sw x 1/2" p (7828)
 1/2" p x 1/2" sw x 1/2" p (36828)
 3/4" p x 1/2" p x 1/2" p (7824)
 3/4" p x 1/2" p x 1/2" p (36824)
 3/4" p x 1/2" p x 3/4" p (7825)
 3/4" p x 1/2" p x 3/4" p (36825)
 3/4" p x 3/4" p x 1/2" p (7826)
 3/4" p x 3/4" p x 1/2" p (36826)
 3/4" p x 3/4" p x 3/4" p (7827)
 3/4" p x 3/4" p x 3/4" p (36827)
 Fittings [¢] \$ @@ +++ [G]

PLS

New Flair-it *

CSA B137.5

Cap

1/2" (36860) 3/4" (36861)

Coupling

1/2" p x 1/2" fbsp (7873)	1/2" p x 1/2" mpt (36842)
1/2" p x 1/2" p (7840)	1/2" p x 1/2" p (36840)
1/2" p x 1/2" sw (36873)	1/2" p x 3/4" fpt (7856)
1/2" p x 3/4" fpt (36841)	1/2" p x 3/4" fpt sw (36856)
1/2" p x 3/4" p (7845)	1/2" p x 3/4" p (36845)
3/4" p x 3/4" fpt (7849)	3/4" p x 3/4" fpt (36847)
3/4" p x 3/4" mbsp (36872)	3/4" p x 3/4" mpt (36848)
3/4" p x 3/4" p (7846)	3/4" p x 3/4" p (36846)
3/4" p x 3/4" sw (36849)	

Elbow

1/2" p x 3/8" mpt (7810)	1/2" p x 3/8" mpt (36810)
1/2" mpt x 1/2" sw (36785)	1/2" p x 1/2" fbsp (7816)
1/2" p x 1/2" fpt (7802)	1/2" p x 1/2" fpt (36802)
1/2" p x 1/2" mpt (7803)	1/2" p x 1/2" mpt (36803)
1/2" p x 1/2" p (7800)	1/2" p x 1/2" p (36800)
1/2" p x 1/2" sw (36816)	1/2" p x 3/4" fpt (7811)
1/2" p x 3/4" p (7805)	1/2" p x 3/4" sw (36811)
3/4" p x 3/4" fpt (7807)	3/4" p x 3/4" mpt (7809)
3/4" p x 3/4" mpt (36809)	3/4" p x 3/4" p (7806)
3/4" p x 3/4" p (36806)	3/4" p x 3/4" sw (36807)

Female Adapters

1/2" p x 1/2" fpt (7841) 3/4" p x 3/4" fpt (7847)

Male Adapters

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1/2" p x 1/2" mpt (7842) 3/4" p x 3/4" mbsp (7872)

3/4" p x 3/4" mpt (7848)

Plug

1/2" (36863) 3/4" (36864)

Tee

1/2" p x 1/2" p x 1/8" fpt (7834)

1/2" p x 1/2" p x 1/8" fpt (36834)

1/2" mpt x 1/2" mpt x 1/2" p (7839)

1/2" mpt x 1/2" mpt x 1/2" p (36839)

1/2" mpt x 1/2" sw x 1/2" mpt (7836)

1/2" p x 1/2" mpt x 1/2" mpt (7837)

1/2" p x 1/2" mpt x 1/2" mpt (36837)

1/2" p x 1/2" mpt x 1/2" p (7838)

1/2" p x 1/2" mpt x 1/2" p (36838)

1/2" p x 1/2" p x 1/2" mpt (7822)

1/2" p x 1/2" p x 1/2" mpt (36822)

1/2" p x 1/2" p x 1/2" p (7820)

1/2" p x 1/2" p x 1/2" p (36820)

1/2" p x 1/2" p x 1/2" sw (7821)

1/2" p x 1/2" p x 1/2" sw (36821)

1/2" p x 1/2" sw x 1/2" p (7828)

1/2" p x 1/2" sw x 1/2" p (36828)

3/4" p x 1/2" p x 1/2" p (7824)

3/4" p x 3/4" p x 3/4" p (36824)

3/4" p x 1/2" p x 3/4" p (7825)

3/4" p x 1/2" p x 3/4" p (36825)

3/4" p x 3/4" p x 1/2" p (7826)

3/4" p x 3/4" p x 1/2" p (36826)

3/4" p x 3/4" p x 3/4" p (7827)

3/4" p x 3/4" p x 3/4" p (36827)

Manifold[♠] § +++ [G]

PLS

Flair-it
Manifolds(PLS)

*

ASTM F877

1/2" Manifold Cap (07918) [1]

3/4" Manifold Cap (07919) [1]

1" Manifold Cap (07927) [1]

1" FPT x 3/4" FPT Connector (07920) [1]

1" MPT x 1" FPT Connector (07921) [1]

Two-Port 1" End x 3/4" End with 1/2" Ports (7900)

Four-Port 1" End x 3/4" End with 1/2" Ports (7901)

Manifold[♠] § +++ [G]

PLS

Flair-it
Manifolds(PLS)

*

CSA B137.5

1/2" Manifold Cap (07918) [1]

3/4" Manifold Cap (07919) [1]

1" Manifold Cap (07927) [1]

1" FPT x 3/4" FPT Connector (07920) [1]

1" MPT x 1" FPT Connector (07921) [1]

Two-Port 1" End x 3/4" End with 1/2" Ports (7900)

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Four-Port 1" End x 3/4" End with 1/2" Ports (7901)

Fittings ⚡ § +++ [G] PLS Flair-It Insert ** ASTM F2159

Barb Coupling

3/8" x 3/8" (28855) 1/2" (28840) 1/2" x 3/8" (28853) 3/4" (28846)
3/4" x 1/2" (28845) 1" x 3/4" (28773) 1" x 1" (28771)

Barb Elbow

3/8" x 3/8" (28815) 1/2" (28800)
1/2" x 3/8" (28810) 1/2" x 1/2" MPT (28803)
1/2" x 3/4" (28805) 3/4" (28806)
3/4" x 3/4" (28809) 1" x 1" (28770)

Barb Plug

3/8" (28862) 1/2" (28863) 3/4" (28864) 1" (28768)

Barb Tee

3/8" x 3/8" x 3/8" (28831) 1/2" (28820)
1/2" x 1/2" x 1/2" MPT (28822) 1/2" x 1/2" SW x 1/2" (28828)
1/2" x 1/2" x 3/4" (28823) 3/4" (28827)
3/4" x 1/2" x 1/2" (28824) 3/4" x 1/2" x 3/4" (28825)
3/4" x 3/4" x 1/2" (28826) 1" x 3/4" x 3/4" (28777)
1" x 3/4" x 1" (28778) 1" x 1" x 1/2" (28775)
1" x 1" x 3/4" (28776) 1" x 1" x 1" (28769)

Barb x FPT Swivel Adapter

3/8" x 1/2" (28874) 1/2" (28873) 1/2" x 3/4" (28856) 3/4" x 3/4" (28849)
1" x 1" (28780)

Barb x FPT Swivel Elbow

1/2" (28816)

Barb x MPT Adapter

1/2" (28842) 1/2" x 3/4" (28868) 3/4" x 1/2" (28857) 3/4" x 3/4" (28848)
1" x 1" (28779)

Fittings ⚡ § +++ [G] PLS Flair-It Insert * CSA B137.5

Barb Coupling

3/8" x 3/8" (28855)
1/2" (28840)
3/4" x 1/2" (28845)
3/4" (28846) 1/2" x 3/8" (28853)
1" x 3/4" (28773)
1" x 1" (28771)

Barb Elbow

3/8" x 3/8" (28815) 1/2" (28800)
1/2" x 3/8" (28810) 1/2" x 1/2" MPT (28803)
1/2" x 3/4" (28805) 3/4" (28806)
3/4" x 3/4" (28809) 1" x 1" (28770)

Barb Plug

3/8" (28862) 1/2" (28863) 3/4" (28864) 1" (28768)

Barb Tee

3/8" x 3/8" x 3/8" (28831) 1/2" (28820)
1/2" x 1/2" x 1/2" MPT (28822) 1/2" x 1/2" SW x 1/2" (28828)

Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.



1/2" x 1/2" x 3/4" (28823) 3/4" (28827)
 3/4" x 1/2" x 1/2" (28824) 3/4" x 1/2" x 3/4" (28825)
 3/4" x 3/4" x 1/2" (28826) 1" x 3/4" x 3/4" (28777)
 1" x 3/4" x 1" (28778) 1" x 1" x 1/2" (28775)
 1" x 1" x 3/4" (28776) 1" x 1" x 1" (28769)
 Barb x FPT Swivel Adapter
 3/8" x 1/2" (28874) 1/2" (28873) 1/2" x 3/4" (28856) 3/4" x 3/4" (28849)
 1" x 1" (28780)
 Barb x FPT Swivel Elbow
 1/2" (28816)
 Barb x MPT Adapter
 1/2" (28842) 1/2" x 3/4" (28868) 3/4" x 1/2" (28857) 3/4" x 3/4" (28848)
 1" x 1" (28779)
Fittings ^c ++ @@ [G] POM *Flair-it (Line-A)* * SE 7956
 Cap
 1/2" ftg (6860) 3/4" ftg (6861)
 Coupling
 1/2" p x 1/2" fpt swivel (6796)
 3/4" p x 3/4" fpt swivel (6849)
 1/2" p x 1/2" fbsp swivel (6873)
 1/2" p x 1/2" p (6840)
 1/2" p x 3/4" p (6845)
 3/4" p x 3/4" p (6846)
 Elbow
 1/2" p x 1/2" fpt swivel (6794)
 1/2" p x 3/4" fpt swivel (6811)
 1/2" p x 1/2" fbsp swivel (6814 and 6816)
 1/2" p x 1/2" fpt (6802)
 1/2" p x 1/2" fpt drop ear (6801)
 3/4" p x 3/4" fpt (6813)
 1/2" p x 1/2" mpt (6803)
 3/4" p x 1/2" mpt (6808)
 3/4" p x 3/4" mpt (6809)
 1/2" p x 3/4" mpt (6812)
 1/2" p x 1/2" p (6800)
 1/2" p x 3/4" p (6805)
 3/4" p x 3/4" p (6806)
 1/2" mpt x 1/2" swivel (6785)
 Female Adapter
 1/2" p x 1/2" fpt (6841) 1/2" p x 3/4" fpt (6858)
 3/4" p x 3/4" fpt (6847) 1/2" p x 1/8" fpt (6871)
 Female Adapter (termination)
 1/2" p x 1/2" fpt (6791)
 Male Adapter
 1/2" p x 1/2" mpt (6842) 3/4" p x 3/4" mpt (6848)
 3/4" p x 1/2" mpt (6857) 1/2" p x 3/4" mpt (6868)

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- 3/4" p x 3/4" mbsp (6872)
- Plug
- 1/2" p (6863) 3/4" p (6864)
- Tee
- 1/2" p x 1/2" p x 1/2" fpt swivel (6821)
- 1/2" p x 1/2" p x 3/4" fpt swivel (6829)
- 1/2" p x 1/2" p x 1/8" fpt (6834)
- 1/2" p x 1/2" mpt x 1/2" mpt (6837)
- 1/2" p x 1/2" mpt x 1/2" p (6838)
- 1/2" mpt x 1/2" mpt x 1/2" p (6839)
- 1/2" p x 1/2" p x 1/2" mpt (6822)
- 3/4" p x 3/4" p x 1/2" mpt (6832)
- 1/2" mbsp x 1/2" fbsp x 1/2" mbsp (6836)
- 1/2" p x 1/2" p x 1/2" p (6820)
- 1/2" p x 1/2" p x 3/4" p (6823)
- 3/4" p x 1/2" p x 1/2" p (6824)
- 3/4" p x 1/2" p x 3/4" p (6825)
- 3/4" p x 3/4" p x 1/2" p (6826)
- 3/4" p x 3/4" p x 3/4" p (6827)
- 1/2" p x 1/2" mpt x 1/2" fpt swivel (6819)
- 1/2" p x 1/2" fpt swivel x 1/2" p(6828)

- * These products are also represented by the trade name: THC.
- ¢ Product is authorized to bear the CNSF and/or the CNSFus Mark.
- § Product is Certified to the Uniform Plumbing Code™. Installation in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code™.
- ** These products are also represented by the trade names: THC and ECOPOLY.
- ++ Material complies with NSF/ANSI 61 health effects requirements when tested at temperatures up to and including Domestic Hot (140° F).
- @@ Fittings tested as a system using FLEX-PEX tubing manufactured by THC. Installation/assembly instructions titled "The Flair-It™ FLEX-PEX™ Plumbing System Installation Guide."
- +++ Material complies with NSF/ANSI 61 health effects requirements when tested at temperatures up to and including Commercial Hot (180° F).
- [1] These components are part of the manifold kit.
- [G] Product is Certified to NSF/ANSI 372 and conforms with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

Radiant Floor Heating

Product Type	Material Type	Trade Name	Product Standard
Fittings	POM	ECO-POLYGRIP *	ASTM F877
3/8" 28760	1/2" 28761	3/4" 28762	
Fittings ^	POM	ECO-POLYGRIP *	CSA B137.5
3/8" 28760	1/2" 28761	3/4" 28762	

- * These products are also represented by the trade name THC.
 - ^ These clamps are Certified using THC Listed F2159 fittings only.
- Note: Additions shall not be made to this document without prior evaluation and acceptance by NSF International.