

ADVANTAGES

1 Proven to Exceed Toughest Standards

Thanks to its advanced materials and rugged design, AquaRise provides long term hydrostatic pressure ratings of 150 psi at 160°F and 400 psi at 73°F. Meeting the requirements of CSA B137.6, AquaRise passes the punishing burst pressure tests conforming to ASTM F442.

2 Better Long-Term Performance

Unlike metal piping which may pit, scale and degrade over time, AquaRise's rugged thicker walls and excellent corrosion resistance ensure years of consistent flow and maintenance-free performance, even in demanding hot water recirculation applications.

3 Fully-Certified Compliance

Designed to be safely used in hot and cold water distribution systems, AquaRise complies with the following:

- CSA B137.6 (CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems)
- NSF 61 (Potable Water Classification)
- CAN/ULC-S102.2

4 Full Flame & Smoke Approvals

Listed to the CAN/ULC-S102.2 standard, AquaRise achieved a Flame Spread rating of not more than 25 and a Smoke Development classification of not more than 50. Unlike competitive products, AquaRise does not need insulation to achieve certification. Ideal for noncombustible applications, AquaRise is code compliant to the following sections of the National Building Code of Canada:

- High buildings as defined by NBC article 3.2.6
- Air plenums as defined by NBC article 3.6.4.3
- Noncombustible buildings as defined by NBC article 3.1.5.16

5 Permanent Joining System

IPEX supplies high quality CPVC cement, primer and applicators for enabling tough, permanent welded pipe-fitting connections.

SPECIFICATIONS

AQUARISE PIPE, VALVES & FITTINGS

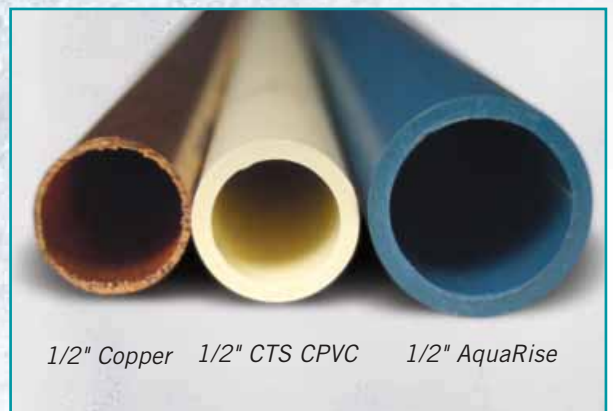
AquaRise pipe, fittings and one-piece ball valves are certified to CSA B137.6. When used in noncombustible construction, high buildings and air plenums, AquaRise pipe shall be tested and listed in accordance with CAN/ULC S102.2 and clearly marked with the certification logo indicating a Flame Spread Rating not more than 25 and a Smoke Developed Classification not exceeding 50. Pipe shall be SDR 11 thickness and IPS outside diameter.

FIRESTOPPING DEVICES

Firestopping systems shall be listed under CAN/ULC S115 and tested with a pressure differential of 50 Pa. Certified firestopping devices are required whenever the system penetrates a vertical or horizontal fire separation.

ONE-STEP & TWO STEP SOLVENT CEMENTS

IPEX has made a significant change to the current solvent cement products to be used with AquaRise Domestic Water Piping. The product offering has been modified to now offer two customized solvent cements for small and large size ranges. Both products are certified to CSA B137.6, listed to NSF 61 and sold as a kit coming complete with necessary applicators and installation instructions.

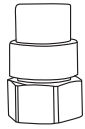


1/2" Copper 1/2" CTS CPVC 1/2" AquaRise

PRODUCT SELECTION CHART

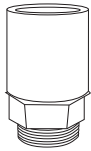
Nominal Pipe Size (inches)	Product Code
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Female Threaded Adapter Sp x Bronze FNPT



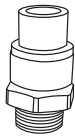
1/2	359820
3/4	359821
1	359822

Male Threaded Adapter Soc x Bronze MNPT



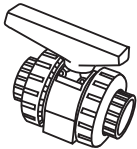
1/2	359811
3/4	359812
1	359813
1-1/4	359814
1-1/2	359815
2	359816

Male Threaded Adapter Sp x Brass MNPT



1/2	359823
3/4	359824
1	359825

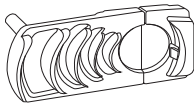
True Union Ball Valve Soc x Soc



1/2	12	359000
3/4	20	359001
1	25	359002
1-1/4	32	359003
1-1/2	40	359004
2	50	359005

Rated to 232 psi @ 73°F
Rated to 72 psi @ 160°F

Beveling Tools



1/2, 3/4, 1	359044
1-1/4 to 4	359062

Description imperial	Description metric	Product Code
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AquaRise One-Step Cement**



Pint	473 ml	359086
Quart	946 ml	359092
Gallon	3785 ml	359091

**FOR USE ON 1/2" TO 2"

AquaRise Two-Step Cement w/Primer***



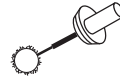
Quart	946 ml	359087
Gallon	3785 ml	359093

***FOR USE ON 2-1/2", 3" & 4"

Cement products come complete with Primer as required plus extra daubers

Nominal Pipe Size (inches)	Product Code
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Can-Mate Daubers (with telescoping stem)



CM-75 (pipe sizes 1/2" - 1-1/4")	074436
CM-150 (pipe sizes 1-1/2" - 3")	074437

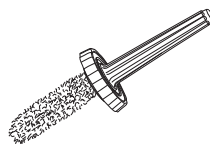
Cap Daubers



DP 50 (pipe sizes 1/2" - 1")	074455
DP 150 (pipe sizes 1-1/4" - 3")	074421
DQ 50 (pipe sizes 1/2" - 1")	074193
DQ 150 (pipe sizes 1-1/4" - 3")	074422

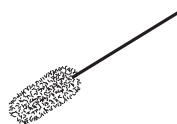
Note: DP fits Pint cans and DQ fits Quart cans

Swab



4"	100 mm	074456
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AquaRise Superswab Replacement



Swab is disposable and replaceable	359826
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IPEX Solvent Cements

Choosing the correct cement is a vital link in a thermoplastic piping system. Although cement is one of the most critical components of a piping system, it is most often overlooked.

Cements are formulated to best meet specific needs – for example, general-purpose cement is thinner and less aggressive in bonding than heavy-duty industrial cement.

IPEX offers a wide range of high strength solvent cements for thermoplastic piping systems. Regular, medium, heavy or extra heavy cements are specially formulated for PVC pipe and fittings up to 900 mm (36") diameter for both pressure and non-pressure applications, CPVC through 300 mm (12") diameter and ABS through 200 mm (8") diameter.

IPEX offers a complete range of cements, primers and applicators so installers can choose the RIGHT ONE for their project and, following the basic steps, be assured of a good joint every time.

Call your nearest IPEX representative for assistance with this critical part of your plastic piping system. On-the-job training, videos and instruction booklets are all available to help ensure you achieve perfect results.

APPLICATIONS

- Industrial Piping Systems
- Plumbing Piping Systems
- Pressure & Non-pressure applications

STANDARDS



ASTM D2235	ABS Solvent Cements
ASTM D2564	PVC Solvent Cements
ASTM D2846	CPVC Solvent Cements
ASTM D3138	Transition Cements
ASTM F493	CPVC Solvent Cements
ASTM F656	Primers

i DID YOU KNOW?

You can take IPEX's 'Solvent Cements Online Training' course, developed by leading experts in thermoplastic systems and offered through the IPEX Training Room. To register for this course go to www.ipexna.com.

CEMENTS AND PRIMERS



SELECTION GUIDES

General Purpose Solvent Cement Products		
Product	IPEX Products / Material	Size Range
Xirtec 05	Xirtec PVC Sch 40/80 Pressure	up to 6" (Sch 40) up to 4" (Sch 80)
Xirtec 11	Xirtec PVC Sch 40/80 Pressure	up to 12"
Xirtec 17	Xirtec PVC Sch 40/80 Pressure	up to 12"
Xirtec 19	Xirtec PVC Sch 40/80 Pressure	14" to 30"
Xirtec 24	Corzan CPVC Sch 40/80 Pressure	up to 12"
IPS 729	Corzan CPVC Sch 40/80 Pressure	14" and larger
Xirtec 7	Primer for Xirtec PVC and Corzan	all sizes
IPEX 04	PVC Building Drain Sewer, Septic	3" to 6"
IPEX 25	PVC Wet/Dry Rigid PVC or Flexible	up to 6" (Sch 40) up to 4" (Sch 80)
IPEX 47	PVC Pool/Spa Rigid PVC or Flexible	up to 6" (Sch 40) up to 4" (Sch 80)
IPEX 95	PVC Flexible	up to 6" (Sch 40) up to 3" (Sch 80)
IPEX 71	ABS Drain, Waste and Vent	up to 6"
IPEX 90	PVC-ABS Transition Low Pressure	up to 6" (Sch 40) up to 4" (Sch 80)
IPEX 96	PVC-ABS Transition Non-Pressure	up to 6" (Sch 40)

Product Specific Cements		
Product	Application	Size Range
System 15 / XFR Cement	Drain, Waste & Vent	1-1/2" to 6" (One-Step) 8" and larger (Two-Step)
System 15 / XFR Primer	Drain, Waste & Vent	1-1/2" to 6" (optional) 8" and larger (mandatory)
System 636 PVC	Flue Gas Vent	up to 6"
System 636 CPVC	Flue Gas Vent	up to 8"
System 636 Primer	Flue Gas Vent	up to 4" (at 0°C or lower) 6" & 8" (mandatory)
System 636 Transition Cement	Flue Gas Vent (ABS Transitions)	1-1/2" to 6"
AquaRise One-Step Cement	AquaRise Pressure	1/2 to 2" (do not use primer)
AquaRise Two-Step Cement & Primer	AquaRise Pressure	2-1/2", 3", 4"
IPEX 100	Scepter PVC Conduit/Duct	up to 6"
IPEX 100T Primer	Scepter PVC Conduit/Duct	all sizes (cold weather)
BlazeMaster One-Step	BlazeMaster CPVC	3/4" to 3"
Duraplus	Duraplus ABS Pressure	up to 12"



AQUARISE® CEMENTS & PRIMER

	Volume		Product Code
	imperial	metric	

AQUARISE CPVC ONE-STEP CEMENT

YELLOW ■

LOW VOC, 2 Year Shelf Life

Meets ASTM F493. ANSI/NSF Standard 14 & 61 listed for potable water. Certified to CSA B137.6.

Medium-bodied, for use on 12 mm to 50 mm (1/2" to 2") diameters only. DO NOT USE PRIMER.



pint	473 ml	359086
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AQUARISE CPVC TWO-STEP CEMENT W/PRIMER

YELLOW ■

LOW VOC, 2 Year Shelf Life

AQUARISE TWO-STEP CEMENT meets ASTM F493. ANSI/NSF Standard 14 & 61 listed for potable water. Certified to CSA B137.6.

Heavy-bodied, for use on 63 mm, 75 mm & 100 mm (2-1/2", 3" & 4") diameters only.

MUST BE USED IN CONJUNCTION WITH AQUARISE CPVC PRIMER.

CLEAR

LOW VOC, 2 Year Shelf Life

AQUARISE CPVC PRIMER meets ASTM F656. ANSI/NSF Standard 14 & 61 listed for potable water, drain waste & vent & sewer.

AquaRise CPVC Primer will soften pipe and fitting surfaces which is necessary for the proper solvent welding of the materials.

Approved for use with AquaRise in potable water applications.

For use on 63 mm, 75 mm & 100 mm (2-1/2", 3" and 4") diameters only.



quart	946 ml	359087
pint	473 ml	primer