WELDXON

EAK-PROOF? THINK TOUGH, RESISTANT 724



Stock #

Specifically formulated for joining CPVC and PVC industrial piping systems carrying corrosive chemicals, WELD-ON 724[™] is the most chemical resistant CPVC solvent cement in the industry. Laboratory analysis showed no joint failure even after 2,500 hours of pressure tests in numerous chemical solutions.

WELD-ON 724[™] is ^{UPC} and ^{NSF} listed, meets ASTM F 493 standard, and is approved for Corzan® industrial piping systems. For CPVC and PVC pipe and fittings with interference fit up to 12 inches (315 mm) diameter, all classes & schedules. This LOW VOC product meets strict environmental air quality regulations and can qualify for credit under

the LEED® Green Building Rating System.

Can Size / Packaging	Cement Color	Units Per Case	Lbs Per Case	
Gallon metal, wide-mouth can with screw top	Orange	6	56	THE T
Quart metal can with applicator top	Orange	12	29	

Orange

Gray

Gray

Gray

of data sta ASTVD (a DXC 3188 124 (Act) HEAVY BODIED - MEDIUM SETTING CPUC PLASTIC PIPE CENENT VISCOSIDAD GRUESA - SECADO MEDIANO PEGAMENTO PARA TUBOS DE CPUC empochantes. For CPVC and PVC industral prog ON NO Premium, chemical-resistant cement for d hypochlorites. For CPVC and PVC salts and hyp lems thru 12" esistencia química para acidos, bases as tubería de CPVC y PVC de inter-Aprobario com Convolution interfer superior de re Para siete sales ferencia hasta 315 mm de diametro. Aprobado para Cortani SHAKE WELL BEFORE USE! AGITESE ANTES DE USARSEI 1 Quart (32 Fl. Oz. U.S.) • Cont. Net. 946 mL DANGER/PELIGRO: EXTREMELY FLAMMABLE WOR HARMFUL MAY BE HARMFUL IF SWALLOWED. MAY IRRITATE SM OR EYES. READ CAUTIONS CAREFULLY ON LEFT PINEL EXTREMADAMENTE INFLAMABLE. VAPOR PELIGROSO, PUEDE SR PELIGROSO SI SE INGIERE. PUEDE IRRITAR LA PIEL Y LOS OJOS LEA LAS PRECAUCIONES A LA IZQUIERDA. MADOR li

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Weld-On Adhesives, Inc. - a subsidiary of IPS Corporation 455 W. Victoria Street, Compton, CA 90220 U.S.A. Tel: 310.898.3300 • Fax: 310.898.3392 Customer Service: 800.888.8312 www.weldon.com Lit. #230124 © 2013 IPS VPD 03/13

Pint metal can with applicator top

Quart metal can with applicator top

Pint metal can with applicator top

Gallon metal, wide-mouth can with screw top



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WELD-ON° 724[™] CHEMICAL RESISTANCE DATA

Weld-On commissioned an independent third-party laboratory to conduct chemical resistance tests on CPVC and PVC piping systems under controlled pressure and temperature conditions similar to those normally found in the chemical processing industry. The tests were conducted for continuous 2,500 hours with CPVC and PVC piping systems carrying a variety of chemical solutions. **The resulting data conclusively showed no joint failure in all tests**.

CPVC TEST DATA

All CPVC joints were solvent-welded with Weld-On 724. Test duration = 2,500 hours.

CHEMICAL		CONCENTRATION	TEMPERATURE °F (°C)	PRESSURE PSI (BARS)	HYDROSTATIC TESTING
Acetic Acid	CH₃COOH	20%	180 (82)	100 (7)	No Failure
Chromic Acid	H ₂ CrO ₄	40%	180 (82)	100 (7)	No Failure
Ethylene Glycol	HOCH ₂ CH ₂ OH	50%	180 (82)	100 (7)	No Failure
Hydrochloric Acid	HCI	37%	180 (82)	100 (7)	No Failure
Nitric Acid	HNO ₃	35%	180 (82)	100 (7)	No Failure
Phosphoric Acid	H ₃ PO ₄	85%	180 (82)	100 (7)	No Failure
Propylene Glycol	CH₃CHOHCH₂OH	25%	180 (82)	100 (7)	No Failure
Sodium Hydroxide	NaOH	50%	180 (82)	100 (7)	No Failure
Sodium Hypochlorite (Bleach)	NaOCI	Fresh chemical added twice weekly	180 (82)	100 (7)	No Failure
Sulfuric Acid	H_2SO_4	80%	180 (82)	100 (7)	No Failure
Water, distilled	H ₂ O	-	180 (82)	100 (7)	No Failure

PVC TEST DATA

All PVC pipe joints were solvent-welded with WELD-ON 724. Test duration = 2,500 hours.

CHEMICAL		CONCENTRATION	TEMPERATURE °F (°C)	PRESSURE PSI (BARS)	HYDROSTATIC TESTING
Acetic Acid	CH₃COOH	20%	140 (60)	100 (7)	No Failure
Chromic Acid	H ₂ CrO ₄	40%	140 (60)	100 (7)	No Failure
Ethylene Glycol	HOCH ₂ CH ₂ OH	100%	140 (60)	100 (7)	No Failure
Hydrochloric Acid	HCI	37%	140 (60)	100 (7)	No Failure
Nitric Acid	HNO ₃	35%	140 (60)	100 (7)	No Failure
Phosphoric Acid	H ₃ PO ₄	85%	140 (60)	100 (7)	No Failure
Propylene Glycol	CH₃CHOHCH₂OH	100%	140 (60)	100 (7)	No Failure
Sodium Hydroxide	NaOH	50%	140 (60)	100 (7)	No Failure
Sodium Hypochlorite (Bleach)	NaOCI	Fresh chemical added twice weekly	140 (60)	100 (7)	No Failure
Sulfuric Acid	H ₂ SO ₄	90%	140 (60)	100 (7)	No Failure
Water, distilled	H ₂ O	-	140 (60)	100 (7)	No Failure
Ammonium Hydroxide	NH₄OH	10%	140 (60)	100 (7)	No Failure

There will be variables that will affect the chemical resistance of thermoplastic piping systems such as: temperature, pressure, chemical concentration, and external stresses that may exist in the design and construction of the system. Be sure to take into consideration the specific use conditions that will apply to your project. The final decision to use CPVC or PVC piping should be based on in-service testing and evaluation by the responsible engineer and end-user.

The use of WELD-ON[®] P-70[™] Purple Primer is recommended when installing CPVC and PVC piping systems for chemical applications.