



Stainless Press®

IsoTubi-USA, By Merit Brass Co.



Innovative Solutions Driven to Provide Value to Your System

**MERIT
BRASS**
DIRECTING THE FLOW OF *Quality*

Chemical Compatibility Chart

	CHEMICAL	CHEMICAL FORMULAS	316 SS	SEALING ELEMENT			VALVE SEAT
				EPDM	HNBR	FKM	PTFE
ACIDS	Acetic Acid 5%	C ₂ H ₄ O ₂	A	A	B	A	A
	Acetic Acid 10%	C ₂ H ₄ O ₂	A	A	C	B	A
	Acetic Acid Glacial	C ₂ H ₄ O ₂	A	A	B	D	A
	Boric Acid 20%	H ₃ BO ₃	A	A	A	A	A
	Nitric Acid 20°C	HNO ₃	A	D	D	B	A
BASES	Ammonium Hydroxide Concentrated	NH ₄ OH	A	A	D	B	A
	Potassium Hydroxide 50% 20°C	KOH	A	A	B	D	A
GASES	Acetylene	C ₂ H ₂	A	A	A	A	A
	Air	-	A	A	A	A	A
	Argon	Ar	A	A	A	A	A
	Butane	C ₄ H ₁₀	A	D	A	A	A
	Carbon Dioxide	CO ₂	A	A	A	A	A
	Carbon Monoxide	CO	A	A	A	A	A
	Ethyl Chloride (no moisture)	C ₂ H ₅ Cl	A	B	A	A	A
	Helium	He	A	A	A	A	A
	Hydrogen	H ₂	A	A	A	A	A
	Hydrogen Sulfide	H ₂ S	A	A	A	D	A
	Methane	CH ₄	A	D	A	A	A
	Neon	Ne	A	A	A	A	A
	Nitrogen	N	A	A	A	A	A
	Propane	C ₃ H ₈	A	D	A	A	A
Xenon	Xe	A	A	A	A	A	
ALCOHOLS	Amyl Alcohol	C ₅ H ₁₁ OH	A	A	B	B	A
	Butyl Alcohol (Butanol)	C ₄ H ₁₀ O	A	B	A	A	A
	Ethyl Alcohol < 80%	C ₂ H ₆ O	A	A	A	B	A
	Ethyl Alcohol > 80%	C ₂ H ₆ O	A	A	A	B	A
	Glycerine (Glycerol)	C ₃ H ₅ (OH) ₃	A	A	A	A	A
	Isopropyl Alcohol	C ₃ H ₈ O	A	A	B	A	A
	Methanol	CH ₃ OH	A	A	A	D	A

Recommendations shown above are general in nature. Product service life for a given application is dependent on actual media mixture, pressure, temperature and operational (cycling) parameters. Contact sales@meritbrass.com if you have questions or wish to inquire about compatibility with chemicals not shown in the chart.

Tools, Kits, Jaws & Rings

Milwaukee Part #	Tooling Name
2773-20L	M18 Force Logic Long Throw Press Tool (Use M18 Jaws)
2773-22L	M18 Force Logic Long Throw Press Tool Kit (With 1/2" - 1" Jaws)
49-16-2650S	M18 1/2" IPS-IA Jaw
49-16-2651S	M18 3/4" IPS-IA Jaw
49-16-2652S	M18 1" IPS-IA Jaw
49-16-2653S	M18 1-1/4" IPS-IA Jaw
49-16-2654S	M18 1-1/2" IPS-IA Jaw
49-16-2655S	M18 2" IPS-IA Jaw
49-16-2659	Ring Jaw 1 (2-1/2" - 4")
49-16-2659S	Ring Jaw 2 (1-1/2" - 2")
49-16-2691S	M18 Force Logic Long Throw IPS-IA Press Ring Kit (1-1/4" - 2")

Certifications



StainlessPress® Fittings North American Certifications

- **IAPMO PS 117** - Press Connections
- **NFS/ANSI/CAN 61** - Drinking Water System Components - Health Effects (EPDM Only)
- **NFS/ANSI/CAN 372** - Drinking Water System Components - Lead Content (EPDM Only)
- **FM 1920** - Pipe Couplings and Fittings for Above Ground Fire Protection Systems
- **American Bureau of Shipping** - Product Design Assessment (PDA) Certificate 1 5-PR1438892-PDA, Piping System and Couplings



StainlessPress® Valves With Press Connection Ends

- **IAPMO Z1157** - Ball Valves
- **NFS/ANSI/CAN 61** - Drinking Water System Components - Health Effects (EPDM Only)
- **NFS/ANSI/CAN 372** - Drinking Water System Components - Lead Content (EPDM Only)



StainlessPress® Fittings Global Certifications

- **CSTB** (France) Distribution and Water Drainage Pipes and Fittings
- **BSI** (UK) EN 10352:2010 Stainless Steel Plumbing Fittings - Fittings with Press Ends for Metallic Tubes for Gas
- **Lloyd's Register** (UK & global) - Stainless Steel Welded Pipe System with Couplings for use in Class III Systems where no Fire Endurance Test is Required and in Domestic and Sanitary Systems
- **WRAS** (UK) Section 1180 - Fittings for use with Tube and Pipe
- **CSIRO** (Australia) Fire Sprinkler Systems - Piping/Water Supply - Metallic Fittings and End Connectors/Plumbing and Drainage Products - Stainless Steel Pipes and Tubes for Pressure Applications
- **ÖVGW** (Austria) Stainless Steel Pipes (Material 1.4404) as well as System Connectors as Press Connector Made of 1.4404 for the Drinking Water Installation for Hot and Cold Water Installation
- **SGWA** (Switzerland) Pipes and Fittings (1.4404) Drinking Water Distribution Systems
- **DNV GL** (Norway) Steel Pipes and Fittings. Products approved by this certificate are accepted for installation on vessels classed by DNV GL.
- **ETA** (Denmark) Pipe System Consisting of Stainless Steel Pipes and Press Fittings for Domestic and Ground Water Installations (1.4404)

Contact Us

Cleveland Headquarters

One Merit Drive/PO Box 43127
Cleveland, OH 44143

Birmingham Distribution Center

220 Oxmoor Court
Birmingham, AL 35209

Dallas Distribution Center

10614 King William Drive
Dallas, TX 75220

Sparks Distribution Center

200 Vista Boulevard Suite #106
Sparks, NV 89434

800.726.9800

contactus@meritbrass.com



www.meritbrass.com

www.mbwebxpress.com

MERIT BRASS

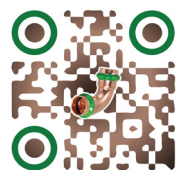
DIRECTING THE FLOW OF *Quality*

Find us in

MasterSpec®

Powered by Deltek Specpoint®

LEARN MORE



Revised October 2022

©2022 Merit Brass Company. All Rights Reserved.