



StainlessPress®

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 compatability 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)

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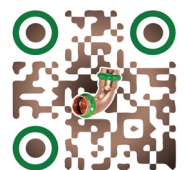
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