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MATERIAL SPECIFICATION SHEET

Stainless Steel Insert PE-RT/PEX Valves - Lead Free (LF)

Features & Benefits:
Stainless Steel Insert PE-RT/PEX (LF) valves are the ideal choices for PE-RT/PEX applications. They deliver premium quality and durability, featuring excellent corrosion resistance, suited for areas with acidic conditions and water quality concerns.



Performance Rating:
- **Maximum Pressure Rating:** 600 PSI Cold Working Pressure (CWP) up to 37°C (100°F)
- **Temperature Range:** -40°C to 93°C (-40°F to 200°F)

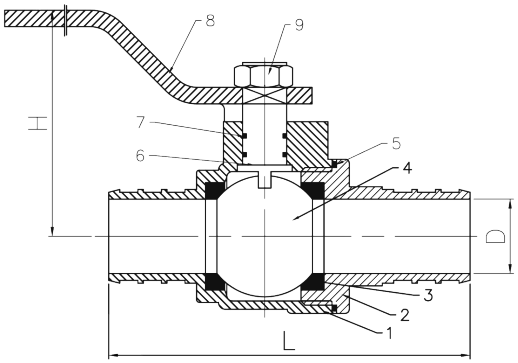
Specifications:
- Material: Stainless Steel
- Compatible with SDR9 PE-RT pipe (ASTM F2769; ASTM F2623)
- Compatible with SDR9 PEX pipe (ASTM F876)
- PE-RT / PEX ends conform to ASTM F1807 (crimp)
- Threads conform to ASME B1.20.1
- Available sizes: 1/2" – 2" diameters

LEAD FREE
NSF/ANSI/CAN 61
UPC

Price List Reference: Cat. 786: Stainless Steel Insert PE-RT/PEX Fittings & Valves - Lead Free (LF)
Revision 1.1 August 2026

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STAINLESS STEEL BALL VALVE DIMENSIONS & MATERIAL LIST



NO #	Part	Material
1	Body	Stainless Steel
2	Cap	Stainless Steel
3	Gasket	PTFE (Polytetrafluoroethylene)
4	Ball	Stainless Steel
5	O-Ring	Silica Gel
6	Stem	Stainless Steel
7	O-Ring	Silica Gel
8	Long Handle	Stainless Steel
9	Stem Nut	Stainless Steel

CB Supplies Part #	Size (in)	H ± 0.5 (mm)	D (+0.3, -0) (mm)	L ± 0.5 (mm)
705010005NL	1/2	39.30	8.90	62.00
705010007NL	3/4	42.00	13.50	66.00
705010010NL	1	46.00	18.00	77.00

CB Supplies Part #	Size (in)	Φ1 ± 0.1 (mm)	D(1 ± 0.1) (mm)	D (+0.3, -0) (mm)	H ± 2 (mm)	L ± 0.4 (mm)
705010012NL	1-1/4	26.54	20	22.1	47.6	92.6
705010015NL	1-1/2	31.32	25	25.9	51	109.4
705010020NL	2	40.7	32	34.67	57.8	137.6

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