

SUBMITTAL SHEET

LV-202, LV-210 & LV-222 Full-Port Angle Valves - For PVC & HDPE Pipe



LV-202



LV-210



LV-222

FLOW LOSS CHART

MODEL		GPM →	20	30	40	50	60	80	100	120	140	160
LV-202 - LV-210 - LV-222	PSI Loss		0	0.08	0.15	0.23	0.40	0.62	0.88	1.07	1.89	2.16

VALVE BODY:	Class 350 Ductile Iron per ASTM A-536, Grade 65-45-12, AWWA C153
VALVE MECHANISM:	316 Stainless Steel
PRESSURE RATING:	250 PSI
EPOXY COATING:	ANSI/AWWA C116/A21.16-09, NSF 61 & CSA Z245.20-98, 10-12 MIL
HARDWARE:	304 Stainless Steel, Optional 316 Stainless Steel
GASKETS:	High grade EPDM rubber ANSI/AWWA C111/A21.11, Rib-Enforced design
INSTALLATION:	Per HDPE Pipe Standards

Specification:

Lateral to mainline connection shall be made with ductile iron, resilient seated angle valve. Valve body and restraint clamps shall be constructed of ductile iron per ASTM A-536, Grade 65-45-12. Epoxy coating on all interior and exterior surfaces shall be fusion bonded epoxy, 10-12 mil thickness. Valve mechanism and hardware shall be made of 100% 316 stainless steel. The valve stem shall be fine threaded stainless steel, O-Ring sealed for ease of operation. Restraint shall have blunt cast serrations. Machined threaded restraints will not be allowed. Valve shall have a shroud around the valve stem to accept IPS PVC sleeve. All lateral to mainline transitions shall be as manufactured by Leemco, Inc., U.S.A.



Leemco, Inc.
360 S. Mount Vernon
Colton, CA. 92324
Ph: (909) 422-0088 Fx: (909) 422-0086
Web: www.leemco.com

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