

pipes and fittings - inch sizes

Harvel LXT® piping is produced from an innovative PVC compound that has been specifically formulated to reduce leachable contamination when exposed to ultra-pure water environments. Minor ingredients necessary for processing have been scrupulously selected to address their potential for contamination, and are then carefully blended in precise ratios. This results in a much cleaner material than conventional PVC compounds, and compares well with alternate materials typically used for UPW piping applications. This has been validated with extensive static and dynamic leach studies during exposure to 18.2 MΩ ultra-pure water conducted by a reputable third party.

Harvel LXT® material meets the toxicological requirements of NSF International Standard 61 as being safe for use in potable water applications, and also complies with the provisions of Title 21 of the United States FDA Code of Federal Regulations as being safe for use in food contact applications.



LXT Pipe

Size	Nominal Bore	Maximum Pressure (bar)	Weight/m	O.D.(mm)	Minimum Wall (mm)	Code	Price/L (4.57m)
1/2	15	29	0.32	21.4	2.8	800-005BL	52.35
3/4	20	23	0.43	26.5	2.9	800-007BL	70.72
1	25	22	0.63	33.6	3.4	800-010BL	104.10
1 1/4	32	18	0.87	42.2	3.6	800-012BL	143.53
1 1/2	40	17	1.06	48.3	3.7	800-015BL	174.33
2	50	14	1.47	60.3	3.9	800-020BL	241.37
3	75	13	3.00	88.9	5.5	800-030BL	492.90
4	100	11	4.38	114.3	6.0	800-040BL	720.53
6	150	10	8.36	168.3	7.1	800-060BL	1670.25

Tee 90°



Size	Code	Price
1/2	801-005BL	5.23
3/4	801-007BL	6.38
1	801-010BL	9.42
1 1/4	801-012BL	14.67
1 1/2	801-015BL	22.01
2	801-020BL	34.94
3	801-030BL	100.97
4	801-040BL	168.83
6	801-060BL	253.25



Short Radius Bend 90°

Size	Code	Price
1/2	806-005SBL	4.61
3/4	806-007SBL	5.54
1	806-010SBL	10.96
1 1/4	806-012SBL	17.51
1 1/2	806-015SBL	25.89
2	806-020SBL	43.75

Reducing Tee 90°



Size	Code	Price
1x3/4	801-131BL	8.79
1 1/2x1	801-211BL	19.08
2x1	801-249BL	24.16
2x1 1/2	801-251BL	24.16
3x2	801-338BL	44.29
4x3	801-422BL	71.60
6x3	801-530BL	303.76
6x4	801-532BL	303.76



Socket

Size	Code	Price
1/2	829-005BL	2.33
3/4	829-007BL	2.68
1	829-010BL	4.94
1 1/4	829-012BL	7.45
1 1/2	829-015BL	15.34
2	829-020BL	22.01
3	829-030BL	35.81
4	829-040BL	65.15
6	829-060BL	138.30

Elbow 90°



Size	Code	Price
1/2	806-005BL	3.23
3/4	806-007BL	3.87
1	806-010BL	7.68
1 1/4	806-012BL	12.26
1 1/2	806-015BL	18.12
2	806-020BL	30.63
3	806-030BL	78.53
4	806-040BL	144.98
6	806-060BL	217.48



Elbow 45°

Size	Code	Price
1/2	817-005BL	5.18
3/4	817-007BL	7.08
1	817-010BL	8.51
1 1/4	817-012BL	14.79
1 1/2	817-015BL	16.38
2	817-020BL	25.89
3	817-030BL	97.38
4	817-040BL	142.05
6	817-060BL	213.09

Union

EPDM O-Ring



Size	Code	Price
1/2	897-005BL	8.93
3/4	897-007BL	11.21
1	897-010BL	14.67
1 1/4	897-012BL	21.15
1 1/2	897-015BL	28.90
2	897-020BL	43.56
3	897-030BL	73.81
4	897-040BL	102.14



Flange

ANSI 150

Size	Code	Price
1/2	854-005BL	15.38
3/4	854-007BL	16.46
1	854-010BL	18.34
1 1/4	854-012BL	18.89
1 1/2	854-015BL	19.28
2	854-020BL	25.64
3	854-030BL	43.78
4	854-040BL	55.37
6	854-060BL	124.05

Union

FPM O-Ring



Size	Code	Price
1/2	857-005BL	10.96
3/4	857-007BL	13.38
1	857-010BL	18.57
1 1/4	857-012BL	25.02
1 1/2	857-015BL	34.94
2	857-020BL	53.07
3	857-030BL	90.01
4	857-040BL	124.59



Socket

Plain x NPT Female Thread
ST/ST Reinforced

Size	Code	Price
1/2	835-005SRBL	4.84
3/4	835-007SRBL	5.94
1	835-010SRBL	9.55
1 1/4	835-012SRBL	12.32
1 1/2	835-015SRBL	15.41
2	835-020SRBL	29.22
3	835-030SRBL	39.52
4	835-040SRBL	63.43

Reducing Bush



Size	Code	Price
3/4x1/2	837-101BL	3.53
1x1/2	837-130BL	5.21
1x3/4	837-131BL	5.21
1 1/4x1/2	837-166BL	7.39
1 1/4x1	837-168BL	7.39
1 1/2x3/4	837-210BL	10.03
1 1/2x1	837-211BL	10.03
1 1/2x1 1/4	837-212BL	10.03
2x1	837-249BL	14.33
2x2 1/2	837-251BL	14.33
3x2	837-338BL	39.43
4x3	837-422BL	68.25
6x4	837-532BL	108.43



Reducing Bush

Plain x NPT Female Thread

Size	Code	Price
1/2x1/4	838-072BL	4.53
1/2x3/8	838-073BL	4.53
3/4x1/4	838-098BL	2.98
3/4x1/2	838-101BL	2.98
1x3/8	838-129BL	4.70
1x1/2	838-130BL	4.70
1x3/4	838-131BL	4.70
1 1/2x3/4	838-210BL	12.34

Reducing Bush

Plain x NPT Female Thread
ST/ST Reinforced

Size	Code	Price
1/2x1/4	838-072SRBL	9.66
3/4x1/4	838-098SRBL	13.34
1x1/4	838-128SRBL	13.71



Cap



Size	Code	Price
1/2	847-005BL	4.99
3/4	847-007BL	5.24
1	847-010BL	9.32
1 1/4	847-012BL	11.25
1 1/2	847-015BL	16.06
2	847-020BL	22.20
3	847-030BL	53.09
4	847-040BL	89.52
6	847-060BL	188.09



Adaptor

Plain Socket x NPT Male Thread

Size	Code	Price
1/2	836-005BL	5.93
3/4	836-007BL	6.56
1	836-010BL	11.36
1 1/4	836-012BL	13.27
1 1/2	836-015BL	19.08
2	836-020BL	27.57
3	836-030BL	43.51
4	836-040BL	61.89

Tank Adaptor

Plain x NPT Female Thread EPDM Gasket

Size	Code	Price
1/2	871E-005BL	19.17
3/4	871E-007BL	21.91
1	871E-010BL	24.29
1 1/4	871E-012BL	29.29
1 1/2	871E-015BL	32.18
2	871E-020BL	47.66
3	871E-030BL	87.72
4	871E-040BL	172.86

LXT Cement

Size	Code	Price
Pint (473ml) tin	LXT5-020	20.65
Quart (946ml) tin	LXT5-030	33.62



Reducing Socket

Size	Code	Price
3/4x1/2	829-101BL	6.22
1x3/4	829-131BL	9.07
1 1/4x1	829-168BL	18.42
1 1/2x1	829-211BL	19.32
1 1/2x1 1/4	829-212BL	23.87
2x1	829-249BL	21.79
2x1 1/2	829-251BL	21.79
3x2	829-338BL	53.46
4x2	829-420BL	101.93
4x3	829-422BL	98.11
6x4	829-532BL	127.60



LXT Diaphragm Valve

Description: In-line diaphragm valve with position indicator

Mounting: In any position

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C - 60°C

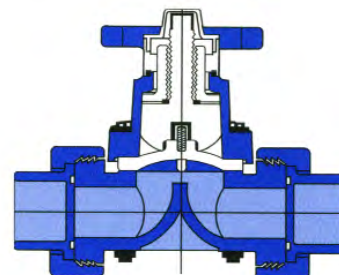
Construction:

Body: LXT

Diaphragm: PTFE (EPDM Backed)

Seals: EPDM

End Connections: Solvent Sockets, NPT Female Threaded (both supplied with valve)



Inch Solvent Cement Unions

PTFE Diaphragm
EPDM Seals

Size	Code	Price
1/2	2729T-005BL	185.54
3/4	2729T-007BL	199.35
1	2729T-010BL	233.00
1 1/4	2729T-012BL	314.98
1 1/2	2729T-015BL	382.31
2	2729T-020BL	502.26

LXT True Union Ball Valve

Description: In-line double union valve

Mounting: In any position

Maximum Fluid Pressure at 20°C: Sizes 1/2" to 2" - 16 bar; Sizes 3" to 4" - 10 bar

Fluid Temperature Range: 0°C - 60°C

Construction:

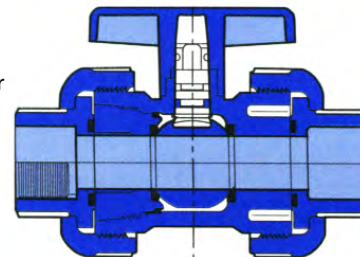
Body: LXT

Seats: PTFE

Seals: EPDM or FPM

End Connections: Solvent Sockets, NPT Female Threaded

Sizes 1/2" to 2" have both plain and threaded connections supplied with valve



Inch Solvent Cement Unions

EPDM Seals
PTFE Seats

Size	Code	Price
1/2	2329-005BL	70.76
3/4	2329-007BL	86.72
1	2329-010BL	110.02
1 1/4	2329-012BL	145.84
1 1/2	2329-015BL	190.72
2	2329-020BL	269.25
3	2329-030BL	498.24
4	2329-040BL	842.29

Inch Solvent Cement Unions

FPM Seals
PTFE Seats

Size	Code	Price
1/2	2339-005BL	82.64
3/4	2339-007BL	97.76
1	2339-010BL	132.44
1 1/4	2339-012BL	184.78
1 1/2	2339-015BL	241.98
2	2339-020BL	316.73
3	2339-030BL	615.57
4	2339-040BL	1040.04

LXT Lab Fixtures

Description: Gooseneck or panel style laboratory valve

Mounting: Bench or panel mount

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C - 60°C

Construction:

Body: LXT

Seats: PTFE

Seals: EPDM

End Connections: 3/8" NPT Female Threaded

Gooseneck Style Bench Mounted

Size	Code	Price
3/8	LF1002-BL	226.18

Turret Style Panel Mounted

Size	Code	Price
3/8	LF3002-BL	225.50

LXT Horizontal T-Port Ball Valve

Description: In-line horizontal 3-way T-port ball valve

Mounting: In any position

Maximum Fluid Pressure at 20°C: Sizes 1/2" to 2" - 16 bar; Sizes 3" to 4" - 10 bar

Fluid Temperature Range: 0°C - 60°C

Construction:

Body: LXT

Seats: PTFE

Seals: EPDM

End Connections: Solvent Sockets, NPT Female Threaded

Sizes 1/2" to 2" have both plain and threaded connections supplied with valve

Inch Solvent Cement Unions

	Size	Code	Price
EPDM Seals	1/2	182901-005BL	257.16
PTFE Seats	3/4	182901-007BL	281.01
	1	182901-010BL	286.30
	2	182901-020BL	293.89
	3/4x1/2	182901-101BL	261.39
	1x1/2	182901-130BL	271.19
	1x3/4	182901-131BL	286.30
	1 1/4x1/2	182901-166BL	290.10
	1 1/4x3/4	182901-167BL	291.61
	1 1/4x1	182901-168BL	334.25
	1 1/2x1/2	182901-209BL	325.84
	1 1/2x3/4	182901-201BL	291.61
	1 1/2x1	182901-211BL	346.85
	2x1/2	182901-247BL	372.08
	2x3/4	182901-248BL	401.48
	2x1	182901-249BL	302.34
	2x1 1/2	182901-251BL	461.11
	3x1/2	182901-333BL	489.81
	3x1	182901-335BL	489.81
	3x1 1/2	182901-337BL	584.40
	3x2	182901-338BL	641.16
	4x1	182901-417BL	630.66
	4x1 1/2	182901-419BL	702.13
	4x2	182901-420BL	836.65
	6x2	182901-528BL	1092.81
	8x2	182901-578BL	1612.36

LXT True Union Ball Check Valve

Description: In-line ball check valve

Mounting: Vertical

Maximum Fluid Pressure at 20°C: Sizes 1/2" to 2" - 16 bar; Sizes 3" to 4" - 10 bar

Fluid Temperature Range: 0°C - 60°C

Construction:

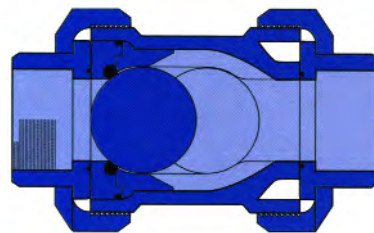
Body: LXT

Seats: PTFE

Seals: EPDM

End Connections: Solvent Sockets, NPT Female Threaded

Sizes 1/2" to 2" have both plain and threaded connections supplied with valve



Inch Solvent Cement Unions

	Size	Code	Price
EPDM Seals	1/2	2229-005BL	103.57
PTFE Seats	3/4	2229-007BL	125.15
	1	2229-010BL	143.25
	1 1/4	2229-012BL	253.71
	1 1/2	2229-015BL	268.40
	2	2229-020BL	448.76
	3	2229-030BL	630.01
	4	2229-040BL	1181.79

Inch Solvent Cement Unions

	Size	Code	Price
FPM Seals	1/2	2239-005BL	114.78
PTFE Seats	3/4	2239-007BL	138.08
	1	2239-010BL	155.50
	1 1/4	2339-012BL	263.22
	1 1/2	2239-015BL	284.93
	2	2239-020BL	466.02
	3	2239-030BL	671.01
	4	2239-040BL	1245.13