

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	48.47
3/4	20	23	0.43	26.5	2.9	800-007BL	65.48
1	25	22	0.63	33.6	3.4	800-010BL	96.39
1 1/4	32	18	0.87	42.2	3.6	800-012BL	132.90
1 1/2	40	17	1.06	48.3	3.7	800-015BL	161.42
2	50	14	1.47	60.3	3.9	800-020BL	223.49
3	75	13	3.00	88.9	5.5	800-030BL	456.39
4	100	11	4.38	114.3	6.0	800-040BL	667.16
6	150	10	8.36	168.3	7.1	800-060BL	1546.53

Tee 90°



Size	Code	Price
1/2	801-005BL	4.84
3/4	801-007BL	5.91
1	801-010BL	8.72
1 1/4	801-012BL	13.58
1 1/2	801-015BL	20.38
2	801-020BL	32.35
3	801-030BL	93.49
4	801-040BL	156.32
6	801-060BL	234.49



Short Radius Bend 90°

Size	Code	Price
1/2	806-005SBL	4.27
3/4	806-007SBL	5.13
1	806-010SBL	10.15
1 1/4	806-012SBL	16.21
1 1/2	806-015SBL	23.97
2	806-020SBL	40.51

Reducing Tee 90°



Size	Code	Price
1x3/4	801-131BL	8.14
1 1/2x1	801-211BL	17.67
2x1	801-249BL	22.37
2x1 1/2	801-251BL	22.37
3x2	801-338BL	41.01
4x3	801-422BL	66.30
6x3	801-530BL	281.26
6x4	801-532BL	281.26



Socket

Size	Code	Price
1/2	829-005BL	2.16
3/4	829-007BL	2.48
1	829-010BL	4.57
1 1/4	829-012BL	6.90
1 1/2	829-015BL	14.20
2	829-020BL	20.38
3	829-030BL	33.16
4	829-040BL	60.32
6	829-060BL	128.06

Elbow 90°



Size	Code	Price
1/2	806-005BL	2.99
3/4	806-007BL	3.58
1	806-010BL	7.11
1 1/4	806-012BL	11.35
1 1/2	806-015BL	16.78
2	806-020BL	28.36
3	806-030BL	72.71
4	806-040BL	134.24
6	806-060BL	201.37



Elbow 45°

Size	Code	Price
1/2	817-005BL	4.80
3/4	817-007BL	6.56
1	817-010BL	7.88
1 1/4	817-012BL	13.69
1 1/2	817-015BL	15.17
2	817-020BL	23.97
3	817-030BL	90.17
4	817-040BL	131.53
6	817-060BL	197.31

Union

EPDM O-Ring



Size	Code	Price
1/2	897-005BL	8.27
3/4	897-007BL	10.38
1	897-010BL	13.58
1 1/4	897-012BL	19.58
1 1/2	897-015BL	26.76
2	897-020BL	40.33
3	897-030BL	68.34
4	897-040BL	94.57

Flange

ANSI 150



Size	Code	Price
1/2	854-005BL	14.24
3/4	854-007BL	15.24
1	854-010BL	16.98
1 1/4	854-012BL	17.49
1 1/2	854-015BL	17.85
2	854-020BL	23.74
3	854-030BL	40.54
4	854-040BL	51.27
6	854-060BL	114.86

Union

FPM O-Ring



Size	Code	Price
1/2	857-005BL	10.15
3/4	857-007BL	12.39
1	857-010BL	17.19
1 1/4	857-012BL	23.17
1 1/2	857-015BL	32.35
2	857-020BL	49.14
3	857-030BL	83.34
4	857-040BL	115.36

Socket

Plain x NPT Female Thread
ST/ST Reinforced



Size	Code	Price
1/2	835-005SRBL	4.48
3/4	835-007SRBL	5.50
1	835-010SRBL	8.84
1 1/4	835-012SRBL	11.41
1 1/2	835-015SRBL	14.27
2	835-020SRBL	27.06
3	835-030SRBL	36.59
4	835-040SRBL	58.73

Reducing Bush



Size	Code	Price
3/4x1/2	837-101BL	3.27
1x1/2	837-130BL	4.82
1x3/4	837-131BL	4.82
1 1/4x1/2	837-166BL	6.84
1 1/4x1	837-168BL	6.84
1 1/2x3/4	837-210BL	9.29
1 1/2x1	837-211BL	9.29
1 1/2x1 1/4	837-212BL	9.29
2x1	837-249BL	13.27
2x2 1/2	837-251BL	13.27
3x2	837-338BL	36.51
4x3	837-422BL	63.19
6x4	837-532BL	100.40

Reducing Bush

Plain x NPT Female Thread



Size	Code	Price
1/2x1/4	838-072BL	4.19
1/2x3/8	838-073BL	4.19
3/4x1/4	838-098BL	2.76
3/4x1/2	838-101BL	2.76
1x3/8	838-129BL	4.35
1x1/2	838-130BL	4.35
1x3/4	838-131BL	4.35
1 1/2x3/4	838-210BL	11.43

Reducing Bush

Plain x NPT Female Thread
ST/ST Reinforced



Size	Code	Price
1/2x1/4	838-072SRBL	8.94
3/4x1/4	838-098SRBL	12.35
1x1/4	838-128SRBL	12.69

Cap



Size	Code	Price
1/2	847-005BL	4.62
3/4	847-007BL	4.85
1	847-010BL	8.63
1 1/4	847-012BL	10.42
1 1/2	847-015BL	14.87
2	847-020BL	20.56
3	847-030BL	49.16
4	847-040BL	82.89
6	847-060BL	174.16

Adaptor

Plain Socket x NPT Male Thread



Size	Code	Price
1/2	836-005BL	5.49
3/4	836-007BL	6.07
1	836-010BL	10.52
1 1/4	836-012BL	12.29
1 1/2	836-015BL	17.67
2	836-020BL	25.53
3	836-030BL	40.29
4	836-040BL	57.31

Reducing Socket



Size	Code	Price
3/4x1/2	829-101BL	5.76
1x3/4	829-131BL	8.40
1 1/4x1	829-168BL	17.06
1 1/2x1	829-211BL	17.89
1 1/2x1 1/4	829-212BL	22.10
2x1	829-249BL	20.18
2x1 1/2	829-251BL	20.18
3x2	829-338BL	49.50
4x2	829-420BL	94.38
4x3	829-422BL	90.84
6x4	829-532BL	118.15

Tank Adaptor

Plain x NPT Female Thread EPDM Gasket



Size	Code	Price
1/2	871E-005BL	17.75
3/4	871E-007BL	20.29
1	871E-010BL	22.49
1 1/4	871E-012BL	27.12
1 1/2	871E-015BL	29.80
2	871E-020BL	44.13
3	871E-030BL	81.22
4	871E-040BL	160.06

LXT Cement

Size	Code	Price
Pint (473ml) tin	LXT5-020	19.48
Quart (946ml) tin	LXT5-030	31.72

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

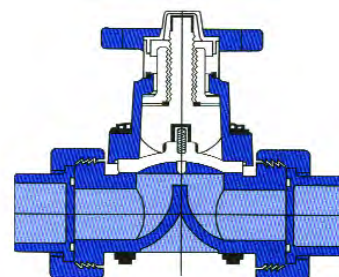
Construction:

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	171.80
3/4	2729T-007BL	184.58
1	2729T-010BL	215.74
1 1/4	2729T-012BL	291.65
1 1/2	2729T-015BL	353.99
2	2729T-020BL	465.06

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:

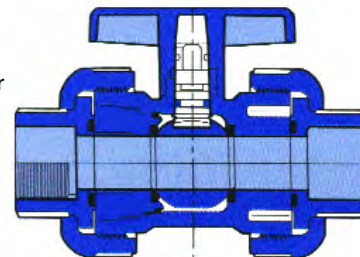
Body: LXT

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	65.52
3/4	2329-007BL	80.30
1	2329-010BL	101.87
1 1/4	2329-012BL	135.04
1 1/2	2329-015BL	176.59
2	2329-020BL	249.31
3	2329-030BL	461.33
4	2329-040BL	779.90

Inch Solvent Cement Unions

FPM Seals
PTFE Seats

Size	Code	Price
1/2	2339-005BL	76.52
3/4	2339-007BL	90.52
1	2339-010BL	122.63
1 1/4	2339-012BL	171.09
1 1/2	2339-015BL	224.06
2	2339-020BL	293.27
3	2339-030BL	569.97
4	2339-040BL	963.00

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	209.43

Turret Style Panel Mounted

Size	Code	Price
3/8	LF3002-BL	206.02

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 PTFE Seats	1/2	182901-005BL	238.11
	3/4	182901-007BL	260.19
	1	182901-010BL	265.09
	2	182901-020BL	272.12
	3/4x1/2	182901-101BL	242.03
	1x1/2	182901-130BL	251.10
	1x3/4	182901-131BL	265.09
	1 1/4x1/2	182901-166BL	268.61
	1 1/4x3/4	182901-167BL	270.01
	1 1/4x1	182901-168BL	309.49
	1 1/2x1/2	182901-209BL	301.70
	1 1/2x3/4	182901-201BL	270.01
	1 1/2x1	182901-211BL	321.16
	2x1/2	182901-247BL	344.52
	2x3/4	182901-248BL	371.74
	2x1	182901-249BL	279.94
	2x1 1/2	182901-251BL	426.95
	3x1/2	182901-333BL	453.53
	3x1	182901-335BL	453.53
	3x1 1/2	182901-337BL	541.11
	3x2	182901-338BL	593.67
	4x1	182901-417BL	583.94
	4x1 1/2	182901-419BL	650.12
	4x2	182901-420BL	774.68
	6x2	182901-528BL	1011.86
	8x2	182901-578BL	1492.93

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:

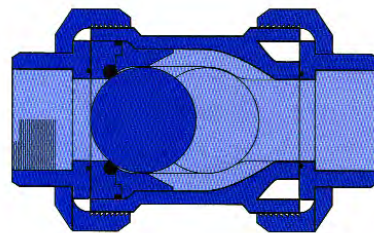
Body: LXT

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 PTFE Seats	1/2	2229-005BL	95.90
	3/4	2229-007BL	115.88
	1	2229-010BL	132.64
	1 1/4	2229-012BL	234.92
	1 1/2	2229-015BL	248.52
	2	2229-020BL	415.52
	3	2229-030BL	583.34
	4	2229-040BL	1094.25

Inch Solvent Cement Unions

	Size	Code	Price
FPM Seals PTFE Seats	1/2	2239-005BL	106.28
	3/4	2239-007BL	127.85
	1	2239-010BL	143.98
	1 1/4	2339-012BL	243.72
	1 1/2	2239-015BL	263.82
	2	2239-020BL	431.50
	3	2239-030BL	621.31
	4	2239-040BL	1152.90