



OFFICIAL LISTING

NSF Certifies that the products appearing on this Listing conform to the requirements of
NSF/ANSI/CAN 61 - Drinking Water System Components - Health Effects

This is the Official Listing recorded on August 07, 2024.

Guangdong Liansu Technology Industrial Co., Ltd. DBA Lesso America, Inc.
Liansu Industrial Estate
Longjiang Town, Shunde Zone
Foshan, Guangdong 528318
China
86 757 2388 8337

Facility: # 2 China

Mechanical Devices

Trade Name	Size	Water Contact Temp	Water Contact Material
Ball Valves			
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	3/4"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	1-1/2"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	1/2"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	2"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	1-1/4"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(FIPT × FIPT)	1"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	1-1/2"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	1-1/4"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	1/2"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	1"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	3/4"	CLD 23	MLTPL
Compact Ball Valve w/EPDM O-ring Seal(SOC × SOC)	2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(FIPT × FIPT)	1-1/2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(FIPT × FIPT)	1"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(FIPT × FIPT)	2"	CLD 23	MLTPL

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Compact Ball Valve w/FKM O-ring Seal(FIPT × FIPT)	3/4"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(FIPT × FIPT)	1/2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	1-1/2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	1-1/4"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	1"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	1/2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	2"	CLD 23	MLTPL
Compact Ball Valve w/FKM O-ring Seal(SOC × SOC)	3/4"	CLD 23	MLTPL

[G] Product is Certified to NSF/ANSI 372 and conforms with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

Pipes and Related Products

Trade Name	Size	Water Contact Temp	Water Contact Material
LESS0[1]	1/4" - 12"	CLD 23	MLTPL
Liansu[1]	1/4" - 12"	CLD 23	MLTPL

- [1] Suffix indicates size and configuration: (V)(W)(XX) - (YYY)(Z)
(V)(W)(XX) - (YYY)(Z)
IR90-(YYY), Compression Coupling (GASKET × GASKET) IR91-(YYY), Compression Tee (GASKET × GASKET × FIPT) FSF-(YYY), Expand Repair Coupling (SOC × SPIG)
(V) D - Deep Socket (1/2" branch outlet only)
No Prefix - Standard Socket
(W) 4 - Sch 40
8 - Sch 80
(XX) - Type of fitting
01 - Tee or Reducing Tee SOC X SOC X SOC
02 - Tee or Reducing Tee SOC X SOC X FIPT
03 - Tee SOC X FIPT X SOC
04 - 90° Street Ell SPIG × FIPT
05 - Tee FIPT X FIPT X FIPT
06 - 90° Ell or 90° Sweep Ell or 90° Reducing Ell SOC X SOC
07 - 90° Ell or 90° Reducing Ell SOC X FIPT
08 - 90° Ell FIPT X FIPT
09 - 90° Street Ell SPIG X SOC
10 - 90° Street Ell or Reducing 90° Street Ell MIPT X SOC
11 - 11-1/4° Ell SOC X SOC
12 - 90° Street Ell MIPT X FIPT
13 - Side Outlet Ell SOC X SOC X SOC
14 - Side Outlet Ell SOC X SOC X FIPT
16 - 22-1/2° Ell SOC X SOC
17 - 45° Ell SOC X SOC
19 - 45° Ell FIPT X FIPT
20 - Cross or Reducing Cross SOC X SOC X SOC X SOC
27 - 45° Street Ell SPIG X SOC
29 - Coupling or Reducing Coupling or Eccentric Reducer Coupling SOC X SOC
30 - Coupling or Reducing Coupling FIPT X FIPT
34 - Riser Extension FIPT X MIPT
35 - Female Adapter or Reducing Female Adapter SOC X FIPT
36 - Male Adapter or Reducing Male Adapter MIPT X SOC
37 - Reducing Bushing Flush Style SPIG X SOC
38 - Reducing Bushing Flush Style SPIG X FIPT

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- 39 - Reducing T.T. Bushing Flush Style FIPT X MIPT
- 42 - 22-1/2" Street ELL SPIG x SDC
- 44 - Street Tee SPIG X SOC X SOC
- 47 - Cap SOC
- 48 - Cap FIPT
- 49 - Plug SPIG
- 50 - Plug MIPT
- 51 - Flange One piece SOC
- 53 - Blind Flange
- 54 - Flange Two Pieces SOC
- 56 - Flange Van Stone Style W/PVC Ring SPIG
- 61 - Male Adapter (Take off) SPIG X MIPT
- 64 - Snap-on Saddle IPS O.D. x FIPT
- 74 - Insert Adapter INSERT x SOC
- 75 - Wye or Reducing Wye SOC X SOC X SOC
- 78 - Spigot Female Adapter SPIG x FIPT
- 79 - Deep Socket Coupling SOC X SOC
- 82 - Reducing Nipple MIPT x MIPT
- 96 - Union w/o-ring Seal SOC x MIPT
- 97 - Union w/ O-ring Seal (SOC x SOC)
- 98 - Union w/ O-ring Seal (FIPT x FIPT)
- 99 - Union w/o-ring Seal SOC x FIPT
- (YYY) or (YYYY) - Size of fitting
- (Z) N - Nesting
- F - Fabricated fitting
- FE - Fabricated/Eccentric fitting
- SR - Special Reinforced
- 1 - Outlet sized with bushing
- No Suffix - Standard style
- S - Sweep

Potable Water Materials

Trade Name	End Use	Water Contact Temp	Water Contact Material
Potable Water Materials			
Lesso F# [G]	F	CLD 23	PVC

This product may be marked with an alternate trade name: Liansu F.

[G] Product is Certified to NSF/ANSI 372 and conforms with the lead content requirements for "lead free" plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act.

NOTE: All Listed products from this facility are NSF Certified, whether or not they bear the NSF Mark.

Facility: Guangdong, China

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Pipes and Related Products

Trade Name	Size	Water Contact Temp	Water Contact Material
Fittings [6]			
LESSO PPR Fittings[1]	1/2" - 2"	C. HOT	MLTPL
LESSO PPR Fittings[2]	16 mm - 160 mm	C. HOT	PP
Pipe [6]			
LESSO PPR Pipe	16 mm - 160 mm	C. HOT	PP

[1] Configurations include:

Female Elbow 90° A1

PP-R-2101 (20 mm x 1/2")
PP-R-2102 (20 mm x 3/4")
PP-R-2103 (25 mm x 1/2")
PP-R-2104 (25 mm x 3/4")
PP-R-2106 (32 mm x 1/2")
PP-R-2107 (32 mm x 3/4")

Female Elbow 90° A2

PP-R-2208 (32 mm x 1")

Female Elbow 90° with Seat

PP-R-2601 (20 mm x 1/2")
PP-R-2602 (20 mm x 3/4")
PP-R-2603 (25 mm x 1/2")
PP-R-2604 (25 mm x 3/4")

Female Straight A1

PP-R-1701 (20 mm x 1/2")
PP-R-1702 (20 mm x 3/4")
PP-R-1703 (25 mm x 1/2")
PP-R-1704 (25 mm x 3/4")
PP-R-1706 (32 mm x 1/2")
PP-R-1707 (32 mm x 3/4")

Female Straight A2

PP-R-1808 (32 mm x 1")
PP-R-1809 (40 mm x 1")
PP-R-1810 (40 mm x 1-1/4")
PP-R-1812 (50 mm x 1-1/4")
PP-R-1813 (50 mm x 1-1/2")
PP-R-1814 (63 mm x 2")

Female Tee A1

PP-R-2701 (20 mm x 1/2")
PP-R-2702 (20 mm x 3/4")
PP-R-2703 (25 mm x 1/2")
PP-R-2704 (25 mm x 3/4")
PP-R-2706 (32 mm x 1/2")
PP-R-2707 (32 mm x 3/4")

Female Tee A2

PP-R-2808 (32 mm x 1")

Female Union

PP-R-3201 (20 mm x 1/2")
PP-R-3204 (25 mm x 3/4")

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PP-R-3205 (25 mm x 1")
PP-R-3207 (32 mm x 3/4")
PP-R-3208 (32 mm x 1")
PP-R-3210 (40 mm x 1-1/4")
PP-R-3213 (50 mm x 1-1/2")
PP-R-3214 (63 mm x 2")

Male Elbow 90° A1

PP-R-2301 (20 mm x 1/2")
PP-R-2302 (20 mm x 3/4")
PP-R-2303 (25 mm x 1/2")
PP-R-2304 (25 mm x 3/4")
PP-R-2306 (32 mm x 1/2")
PP-R-2307 (32 mm x 3/4")

Male Elbow 90° A2

PP-R-2408 (32 mm x 1")

Male Straight A1

PP-R-1901 (20 mm x 1/2")
PP-R-1902 (20 mm x 3/4")
PP-R-1903 (25 mm x 1/2")
PP-R-1904 (25 mm x 3/4")
PP-R-1906 (32 mm x 1/2")
PP-R-1907 (32 mm x 3/4")
PP-R-1909 (40 mm x 1")

Male Straight A2

PP-R-2008 (32 mm x 1")
PP-R-2010 (40 mm x 1-1/4")
PP-R-2012 (50 mm x 1-1/4")
PP-R-2013 (50 mm x 1-1/2")
PP-R-2014 (63 mm x 2")

Male Tee A1

PP-R-2901 (20 mm x 1/2")
PP-R-2902 (20 mm x 3/4")
PP-R-2903 (25 mm x 1/2")
PP-R-2904 (25 mm x 3/4")
PP-R-2906 (32 mm x 1/2")
PP-R-2907 (32 mm x 3/4")

Male Tee A2

PP-R-3008 (32 mm x 1")

Male Union

PP-R-3101 (20 mm x 1/2")
PP-R-3104 (25 mm x 3/4")
PP-R-3105 (25 mm x 1")
PP-R-3107 (32 mm x 3/4")
PP-R-3108 (32 mm x 1")
PP-R-3110 (40 mm x 1-1/4")
PP-R-3113 (50 mm x 1-1/2")
PP-R-3114 (63 mm x 2")

[2] Configurations include:

45° Elbow

PP-R-1301 (16mm)
PP-R-1302 (20mm)
PP-R-1303 (25mm) PP-R-1304 (32mm)
PP-R-1305 (40mm)
PP-R-1306 (50mm)
PP-R-1307 (63mm)

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PP-R-1308 (75mm)
PP-R-1309 (90mm)
PP-R-1310 (110mm)
PP-R-1313 (160mm)

90° Elbow

PP-R-1001 (16mm)
PP-R-1002 (20mm)
PP-R-1003 (25mm)
PP-R-1004 (32mm)
PP-R-1005 (40mm)
PP-R-1006 (50mm)
PP-R-1007 (63mm)
PP-R-1008 (75mm)
PP-R-1009 (90mm)
PP-R-1010 (110mm)
PP-R-1013 (160mm)

Cap

PP-R-1501 (16mm)
PP-R-1502 (20mm)
PP-R-1503 (25mm)
PP-R-1504 (32mm)
PP-R-1505 (40mm)
PP-R-1506 (50mm)
PP-R-1507 (63mm)
PP-R-1508 (75mm)
PP-R-1509 (90mm)
PP-R-1510 (110mm)
PP-R-1513 (160mm)

Coupler

PP-R-0901 (16mm)
PP-R-0902 (20mm)
PP-R-0903 (25mm)
PP-R-0904 (32mm)
PP-R-0905 (40mm)
PP-R-0906 (50mm)
PP-R-0907 (63mm)
PP-R-0908 (75mm)
PP-R-0909 (90mm)
PP-R-0910 (110mm)
PP-R-0913 (160mm)

Reducer

PP-R-1401 (20×16mm)
PP-R-1402 (25×16mm)
PP-R-1403 (25×20mm)
PP-R-1404 (32×16mm)
PP-R-1405 (32×20mm)
PP-R-1406 (32×25mm)
PP-R-1407 (40×20mm)
PP-R-1408 (40×25mm)
PP-R-1409 (40×32mm)
PP-R-1410 (50×20mm)
PP-R-1411 (50×25mm)
PP-R-1412 (50×32mm)
PP-R-1413 (50×40mm)
PP-R-1414 (63×25mm)
PP-R-1415 (63×32mm)
PP-R-1416 (63×40mm)
PP-R-1417 (63×50mm)
PP-R-1418 (75×32mm)
PP-R-1419 (75×40mm)

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PP-R-1420 (75×50mm)
PP-R-1421 (75×63mm)
PP-R-1422 (90×40mm)
PP-R-1424 (90×63mm)
PP-R-1425 (90×75mm)
PP-R-1426 (110×50mm)
PP-R-1427 (110×63mm)
PP-R-1428 (110×75mm)
PP-R-1429 (110×90mm)
PP-R-1430 (160×110mm)
PP-R-1431 (160×90mm)

Reducing Tee

PP-R-1201 (20×16mm)
PP-R-1202 (20×25mm)
PP-R-1203 (25×16mm)
PP-R-1204 (25×25×20mm)
PP-R-1205 (25×20×20mm)
PP-R-1206 (32×16mm)
PP-R-1207 (32×20mm)
PP-R-1208 (32×25mm)
PP-R-1209 (40×20mm)
PP-R-1210 (40×25mm)
PP-R-1211 (40×32mm)
PP-R-1212 (50×20mm)
PP-R-1213 (50×25mm)
PP-R-1231 (110×90mm)
PP-R-1232 (160×110mm)
PP-R-1233 (160×90mm)
PP-R-1214 (50×32mm)
PP-R-1215 (50×40mm)
PP-R-1216 (63×25mm)
PP-R-1217 (63×26mm)
PP-R-1218 (63×40mm)
PP-R-1219 (63×50mm)
PP-R-1220 (75×32mm)
PP-R-1221 (75×40mm)
PP-R-1222 (75×50mm)
PP-R-1223 (75×63mm)
PP-R-1224 (90×40mm)
PP-R-1225 (90×50mm)
PP-R-1226 (90×63mm)
PP-R-1227 (90×75mm)
PP-R-1228 (110×50mm)
PP-R-1229 (110×63mm)
PP-R-1230 (110×75mm)

Tee

PP-R-1101 (16mm)
PP-R-1102 (20mm)
PP-R-1103 (25mm)
PP-R-1104 (32mm)
PP-R-1105 (40mm)
PP-R-1106 (50mm)
PP-R-1107 (63mm)
PP-R-1108 (75mm)
PP-R-1109 (90mm)
PP-R-1110 (110mm)
PP-R-1113 (160mm)

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Facility: Corona, CA

Pipes and Related Products

Trade Name	Size	Water Contact Temp	Water Contact Material
LESS0[1]	1/4" - 12"	CLD 23	MLTPL
Liansu[1]	1/4" - 12"	CLD 23	MLTPL

- [1] Suffix indicates size and configuration: (V)(W)(XX) - (YYY)(Z)
(V)(W)(XX) - (YYYY)(Z)
IR90-(YYY), Compression Coupling (GASKET x GASKET) IR91-(YYY), Compression Tee (GASKET
x GASKET x FIPT) FSF-(YYY), Expand Repair Coupling (SOC x SPIG)
(V) D - Deep Socket (1/2" branch outlet only)
No Prefix - Standard Socket
(W) 4 - Sch 40
8 - Sch 80
(XX) - Type of fitting
01 - Tee or Reducing Tee SOC X SOC X SOC
02 - Tee or Reducing Tee SOC X SOC X FIPT
03 - Tee SOC X FIPT X SOC
04 - 90° Street Ell SPIG x FIPT
05 - Tee FIPT X FIPT X FIPT
06 - 90° Ell or 90° Sweep Ell or 90° Reducing Ell SOC X SOC
07 - 90° Ell or 90° Reducing Ell SOC X FIPT
08 - 90° Ell FIPT X FIPT
09 - 90° Street Ell SPIG X SOC
10 - 90° Street Ell or Reducing 90° Street Ell MIPT X SOC
11 - 11-1/4° Ell SOC X SOC
12 - 90° Street Ell MIPT X FIPT
13 - Side Outlet Ell SOC X SOC X SOC
14 - Side Outlet Ell SOC X SOC X FIPT
16 - 22-1/2° Ell SOC X SOC
17 - 45° Ell SOC X SOC
19 - 45° Ell FIPT X FIPT
20 - Cross or Reducing Cross SOC X SOC X SOC X SOC
27 - 45° Street Ell SPIG X SOC
29 - Coupling or Reducing Coupling or Eccentric Reducer Coupling SOC X SOC
30 - Coupling or Reducing Coupling FIPT X FIPT
34 - Riser Extension FIPT X MIPT
35 - Female Adapter or Reducing Female Adapter SOC X FIPT
36 - Male Adapter or Reducing Male Adapter MIPT X SOC
37 - Reducing Bushing Flush Style SPIG X SOC
38 - Reducing Bushing Flush Style SPIG X FIPT
39 - Reducing T.T. Bushing Flush Style FIPT X MIPT
42 - 22-1/2° Street Ell SPIG x SOC
44 - Street Tee SPIG X SOC X SOC
47 - Cap SOC
48 - Cap FIPT
49 - Plug SPIG
50 - Plug MIPT
51 - Flange One piece SOC

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53 - Blind Flange
54 - Flange Two Pieces SOC
56 - Flange Van Stone Style W/PVC Ring SPIG
61 - Male Adapter (Take off) SPIG X MIPT
64 - Snap-on Saddle IPS O.D.×FIPT
74 - Insert Adapter INSERT×SOC
75 - Wye or Reducing Wye SOC X SOC X SOC
78 - Spigot Female Adapter SPIG x FIPT
79 - Deep Socket Coupling SOC X SOC
82 - Reducing Nipple MIPT×MIPT
96 - Union w/o-ring Seal SOC×MIPT
97 - Union w/ O-ring Seal (SOC x SOC)
98 - Union w/ O-ring Seal (FIPT x FIPT)
99 - Union w/o-ring Seal SOC×FIPT
(YYY) or (YYYY) - Size of fitting
(Z) N - Nesting
F - Fabricated fitting
FE - Fabricated/Eccentric fitting
SR - Special Reinforced
1 - Outlet sized with bushing
No Suffix - Standard style
S - Sweep

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