



NO-LEAD SERVICE LINE FITTINGS



CAMBRIDGE BRASS INC.

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NO-LEAD SERVICE LINE FITTINGS

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NO-LEAD SERVICE LINE FITTINGS

Glossary of Abbreviations

MIP = MALE IRON PIPE THREAD IPS SIZE = I.D. CONTROLLED POLYETHYLENE PIPE

FIP = FEMALE IRON PIPE THREAD PVC SIZE = POLY VINYL CHLORIDE PIPE

**FCFT = FEMALE COPPER FLARE
THREAD**

All fittings in this section are made of no lead material. To define a no lead part number “NL” is added after series number.

3/4” & 1” Size CTS compression fittings are all inter-changeable.

KITEC/Q-LINE connection is available on all 3/4” & 1” size CTS compression fittings.

For fittings less assembly nut add “LN” to end of part number.

			OUTSIDE DIAMETER						
			1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
Poly Tubing	SDR9	CTS SIZE	.621/.629		.871/.879	1.120/1.130	1.370/1.380	1.619/1.631	2.119/2.131
Copper Tube	Type K or L		.622/.628		.872/.878	1.121/1.129	1.371/1.379	1.621/1.630	2.120/2.130
PVC	SCH 40, 80 & 120		.836/.844		1.046/1.054	1.310/1.320	1.655/1.665	1.894/1.906	2.369/2.381
GALV	STEEL PIPE		.836/.844		1.046/1.054	1.310/1.320	1.655/1.665	1.894/1.906	2.369/2.381
KITEC\Q-LINE PIPE					.984/.996	1.260/1.272			
Poly Tubing	SIDR 9/11/17	IPS SIZE			1.046/1.054	1.310/1.320	1.655/1.665	1.894/1.906	2.369/2.381
Lead Pipe	Strong	S or A	.783/813	1.004/1.034	1.141/1.171	1.413/1.443	1.655/1.685	1.969/1.999	2.488/2.518
	Extra Strong	XS or AA	.861/891	1.067/1.097	1.197/1.227	1.477/1.507	1.750/1.780	2.061/2.091	2.736/2.766
	Double Extra Strong	XXS or AAA	.977/1.027	1.122/1.152	1.321/1.351	1.581/1.611	1.874/1.904	2.257/2.287	2.993/3.023

NO-LEAD SERVICE LINE FITTINGS

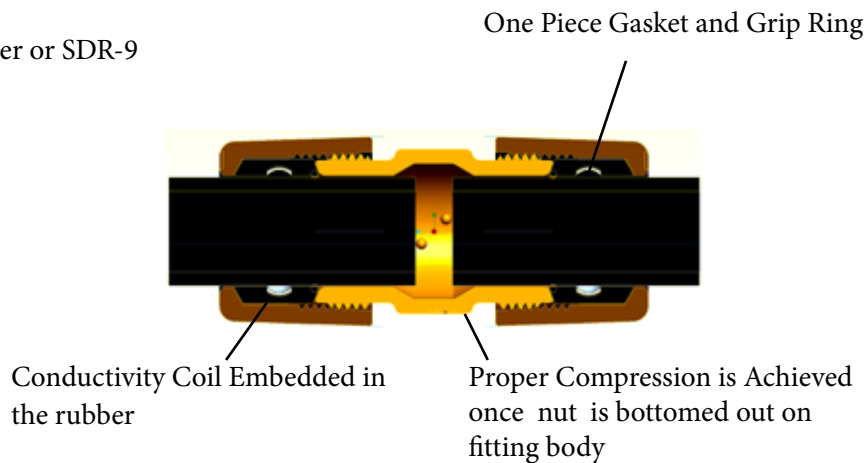
GENERAL PRECAUTION INSTALLATION INSTRUCTIONS

- 1) Handle valves and fittings carefully, do not drop, protect exposed thread.
- 2) Do not interchange parts with other manufacturer.
- 3) Avoid loose fittings wrenches.
- 4) AWWA and taper pipe threads require a sealant.
- 5) Use stainless steel inserts in plastic tubing
- 6) Piping must be cut square, clean, round and smooth. Do Not Use A Hacksaw
- 7) Connection type is identified on the end on the nut.
- 8) Always pressure test for leaks before backfilling.

CB Style Compression

For use on Type "K" Copper or SDR-9

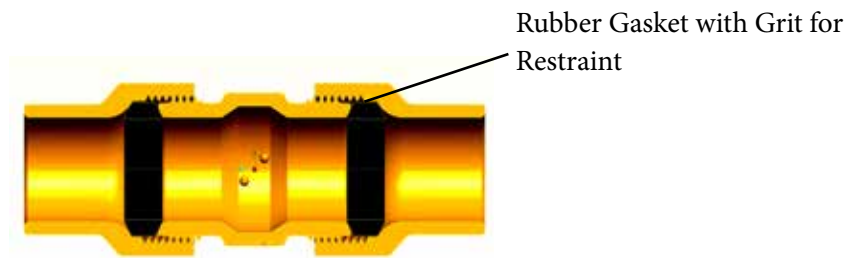
Available in
3/4" thru 2" Size



Haystite Style Compression

For use on Type "K" Copper or SDR-9

Available in
3/4" & 1" Size Only



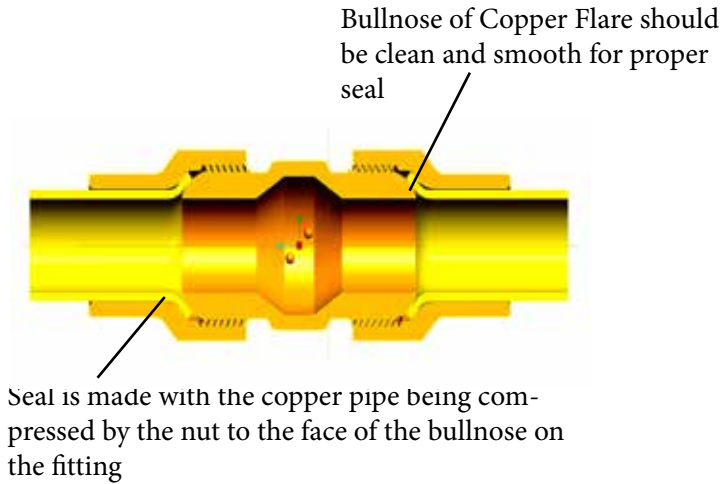
Typical installation instructions are hand tight plus 1 1/2" turns to achieve maximum compression

NO-LEAD SERVICE LINE FITTINGS

Copper Flare Connection

For use on Type "K" Copper

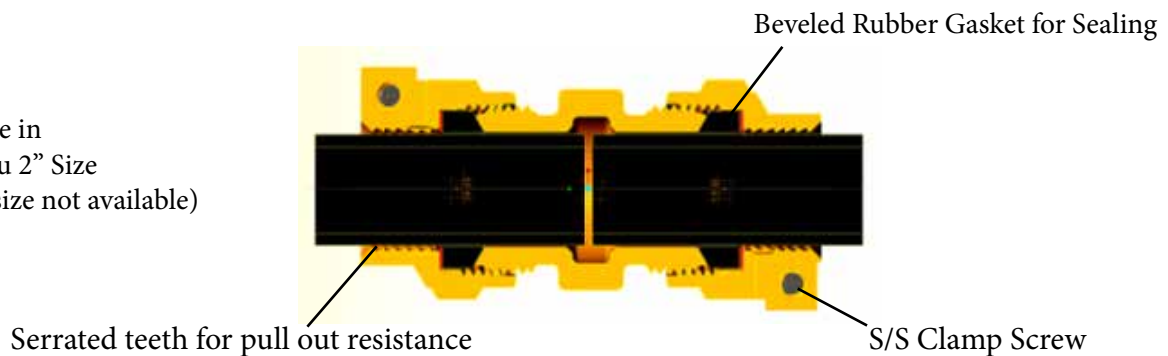
Available in
1/2" thru 2" Size



Campak Style Compression

For use on Type "K" Copper or SDR-9

Available in
1/2" thru 2" Size
(1 1/4" size not available)



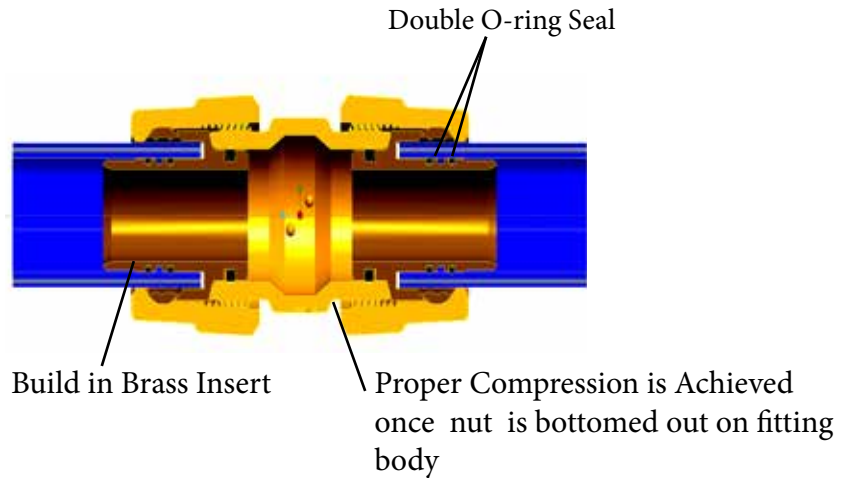
Typical installation instructions are hand tight plus 1 1/2" turns to achieve maximum compression

NO-LEAD SERVICE LINE FITTINGS

Kitec Style Compression

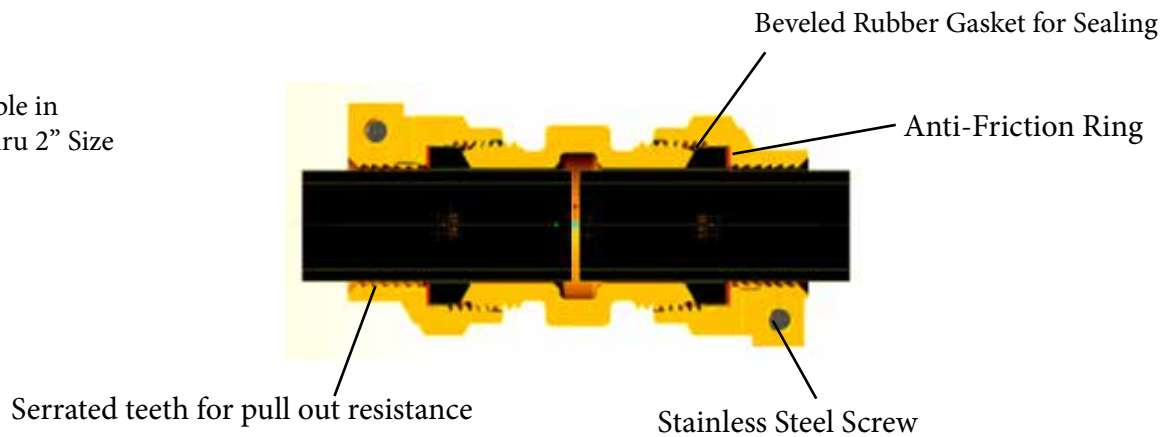
For use with Kitec or Q-Line Pipe

Available in
3/4" & 1" Size



PEP and PVC Style Compression

Available in
3/4" thru 2" Size



Typical installation instructions are hand tight plus 1 1/2" turns to achieve maximum compression

NO-LEAD SERVICE LINE FITTINGS

PART NUMBERING SHEET

(SERVICE LINE FITTINGS)

SERIES		OUTLET CONNECTION	
105NL-	ELL COUPLING	B-	CAMPAK COMPRESSION
111NL-	INSULATED COUPLINGS	C-	COPPER FLARE
117NL-	ADAPTORS	CE-	COPPER FLARE W/ELEC. CONNECTION
118NL-	COUPLING	F-	FEMALE IRON PIPE
119NL-	STRAIGHT COUPLING (FULL BORE)	GJ-	GRIP JOINT
120NL-	2 PART COUPLING	H-	CB COMPRESSION
150NL-	SERVICE TEES	HE-	CB COMPRESSION W/ELEC. CONNECTION
151NL-	SERVICE TEE X FIP	J-	HAYSTITE COMPRESSION
152NL-	WYE-BRANCH	K-	KITEC
155NL-	MULTI-SERVICE WYE	KE-	KITEC ELECTRICAL
171NL-	U-BRANCH VERTICAL INLET X HORIZONTAL OUTLET	M-	MALE IRON PIPE
172NL-	U-BRANCH	P-	FEMALE COPPER FLARE THREAD
173NL-	MULTI SERVICE U-BRANCH	PE-	IPS COMPRESSION

119NL-H3H3

INLET CONNECTION		INLET SIZE		OUTLET SIZE	
B-	CAMPAK COMPRESSION	1-	1/2"	1-	1/2"
C-	COPPER FLARE	2-	5/8"	2-	5/8"
CE-	COPPER FLARE W/ELEC. CONNECTION	3-	3/4"	3-	3/4"
F-	FEMALE IRON PIPE	4-	1"	4-	1"
GJ-	GRIP JOINT	5-	1 1/4"	5-	1 1/4"
H-	CB COMPRESSION	6-	1 1/2"	6-	1 1/2"
HE-	CB COMPRESSION W/ELEC. CONNECTION	7-	2"	7-	2"
J-	HAYSTITE COMPRESSION				
K-	KITEC				
KE-	KITEC ELECTRICAL				
M-	MALE IRON PIPE				
P-	FEMALE COPPER FLARE THREAD				
PE-	PJ/ IPS COMPRESSION				

FOR NO LEAD PART NUMBER ADD NL TO END OF SERIES NUMBER

NO-LEAD SERVICE LINE FITTINGS

ELL COUPLINGS

CAMPAK X CAMPAK



PART NUMBER	INLET CAMPAK	OUTLET CAMPAK	WT. EACH	BOX QTY.
105NL-B3B3	3/4"	3/4"	1.0	16
105NL-B4B4	1"	1"	1.8	8
105NL-B6B6	1 1/2"	1 1/2"	4.4	4
105NL-B7B7	2"	2"	7.5	4

CAMPAK X FIP



PART NUMBER	INLET CAMPAK	OUTLET FIP	WT. EACH	BOX QTY.
105NL-B3F3	3/4"	3/4"	0.9	20
105NL-B4F4	1"	1"	1.1	12
105NL-B6F6	1 1/2"	1 1/2"	2.9	5
105NL-B7F7	2"	2"	4.5	8

CAMPAK X MIP



PART NUMBER	INLET CAMPAK	OUTLET MIP	WT. EACH	BOX QTY.
105NL-B3M3	3/4"	3/4"	0.8	20
105NL-B4M4	1"	1"	1.8	12
105NL-B6M6	1 1/2"	1 1/2"	2.9	5
105NL-B7M7	2"	2"	4.5	6

COPPER FLARE X COPPER FLARE



PART NUMBER	INLET COPPER FLARE	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
105NL-C3C3	3/4"	3/4"	1.3	16
105NL-C4C4	1"	1"	2.1	8
105NL-C6C6	1 1/2"	1 1/2"	6.5	2
105NL-C7C7	2"	2"	10.7	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

ELL COUPLINGS

COPPER FLARE X FIP



PART NUMBER	INLET COPPER FLARE	OUTLET FIP	WT. EACH	BOX QTY.
105NL-C3F3	3/4"	3/4"	1.0	15
105NL-C4F4	1"	1"	1.8	12

COPPER FLARE X MIP



PART NUMBER	INLET COPPER FLARE	OUTLET MIP	WT. EACH	BOX QTY.
105NL-C3M3	3/4"	3/4"	0.9	20
105NL-C4M4	1"	1"	1.4	12
105NL-C6M6	1 1/2"	1 1/2"	4.2	4
105NL-C7M7	2"	2"	7.2	6

GRIP JOINT X GRIP JOINT



PART NUMBER	INLET GRIP JOINT	OUTLET GRIP JOINT	WT. EACH	BOX QTY.
105NL-GJ3GJ3	3/4"	3/4"	1.2	20
105NL-GJ4GJ4	1"	1"	1.8	8

GRIP JOINT X FIP



PART NUMBER	INLET GRIP JOINT	OUTLET FIP	WT. EACH	BOX QTY.
105NL-GJ3F3	3/4"	3/4"	0.9	20
105NL-GJ4F4	1"	1"	1.5	12

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

ELL COUPLINGS

GRIP JOINT X MIP



PART NUMBER	INLET GRIP JOINT	OUTLET MIP	WT. EACH	BOX QTY.
105NL-GJ3M3	3/4"	3/4"	0.8	20
105NL-GJ4M4	1"	1"	1.3	12

CB COMPRESSION X FIP



PART NUMBER	INLET CB COMPRESSION	OUTLET FIP	WT. EACH	BOX QTY.
105NL-H3F3	3/4"	3/4"	0.8	20
105NL-H4F4	1"	1"	1.4	12
105NL-H6F6	1 1/2"	1 1/2"	3.2	6
105NL-H7F7	2"	2"	3.9	8

CB COMPRESSION X CB COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
105NL-H3H3	3/4"	3/4"	1.1	20
105NL-H4H4	1"	1"	2.0	12
105NL-H6H6	1 1/2"	1 1/2"	4.0	6
105NL-H7H7	2"	2"	4.5	8

CB COMPRESSION X MIP



PART NUMBER	INLET CB COMPRESSION	OUTLET MIP	WT. EACH	BOX QTY.
105NL-H3M3	3/4"	3/4"	0.8	20
105NL-H4M4	1"	1"	1.3	16
105NL-H6M6	1 1/2"	1 1/2"	3.2	5
105NL-H7M7	2"	2"	3.6	8

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

ELL COUPLINGS

HAYSTITE X FIP



PART NUMBER	INLET HAYSTITE	OUTLET FIP	WT. EACH	BOX QTY.
105NL-J3F3	3/4"	3/4"	0.9	20
105NL-J4F4	1"	1"	1.4	12

HAYSTITE X HAYSTITE



PART NUMBER	INLET HAYSTITE	OUTLET HAYSTITE	WT. EACH	BOX QTY.
105NL-J3J3	3/4"	3/4"	1.1	16
105NL-J4J4	1"	1"	1.9	8

HAYSTITE X MIP



PART NUMBER	INLET HAYSTITE	OUTLET MIP	WT. EACH	BOX QTY.
105NL-J3M3	3/4"	3/4"	0.9	25
105NL-J4M4	1"	1"	1.3	12

KITEC X KITEC



PART NUMBER	INLET KITEC	OUTLET KITEC	WT. EACH	BOX QTY.
105NL-K3K3	3/4"	3/4"	1.3	16
105NL-K4K4	1"	1"	2.3	8

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

INSULATED STRAIGHT COUPLINGS

CAMPAK X FEMALE COMPRESSION THREAD



PART NUMBER	INLET CAMPAK	OUTLET FCOMT	WT. EACH	BOX QTY.
111NL-B3O3	3/4"	3/4"	1.3	12
111NL-B4O4	1"	1"	2.6	10
111NL-B6O6	1 1/2"	1 1/2"	5.7	3
111NL-B7O7	2"	2"	9.4	2

COPPER FLARE X FEMALE COPPER FLARE THREAD



PART NUMBER	INLET COPPER FLARE	OUTLET FEMALE COPPER FLARE THREAD	WT. EACH	BOX QTY.
111NL-C3P3	3/4"	3/4"	1.6	15
111NL-C4P4	1"	1"	2.3	12
111NL-C6P6	1 1/2"	1 1/2"	5.9	3
111NL-C7P7	2"	2"	10.2	2

CB COMPRESSION X FEMALE COMPRESSION THREAD



PART NUMBER	INLET CB COMPRESSION	OUTLET FCFT	WT. EACH	BOX QTY.
111NL-H3O3	3/4"	3/4"	1.3	12
111NL-H4O4	1"	1"	2.5	10
111NL-H6O6	1 1/2"	1 1/2"	5.5	3
111NL-H7O7	2"	2"	9.2	2

FEMALE COMPRESSION THREAD X MIP



PART NUMBER	INLET COPPER FLARE	OUTLET FEMALE COMPRESSION	WT. EACH	BOX QTY.
117NL-O3M3	3/4"	3/4"	0.4	25.
117NL-O4M4	1"	1"	0.9	20
117NL-O6M6	1 1/2"	1 1/2"	2.5	12
117NL-O7M7	2"	2"	4.3	8

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

INSULATED STRAIGHT COUPLINGS

FEMALE COMPRESSION X MIP



PART NUMBER	INLET FEMALE COMPRESSION	OUTLET MIP	WT. EACH	BOX QTY.
117NL-O3M3	3/4"	3/4"	0.4	25
117NL-O4M4	1"	1"	0.7	20
117NL-O6M6	1 1/2"	1 1/2"	2.5	12
117NL-O7M7	2"	2"	4.3	4

CB COMPRESSION X FEMALE COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET FEMALE COMPRESSION	WT. EACH	BOX QTY.
117NL-H4O3	1"	3/4"	1.2	20

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLINGS & ADAPTORS

CAMPAK X FIP



PART NUMBER	INLET CAMPAK	OUTLET FIP	WT. EACH	BOX QTY.
117NL-B1F1	1/2"	1/2"	0.6	30
117NL-B1F3	1/2"	3/4"	0.8	25
117NL-B2F3	5/8"	3/4"	0.5	40
117NL-B3F1	3/4"	1/2"	0.9	25
117NL-B3F3	3/4"	3/4"	0.7	25
117NL-B3F4	3/4"	1"	1.2	25
117NL-B4F3	1"	3/4"	1.2	20
117NL-B4F4	1"	1"	1.1	20
117NL-B4F5	1"	1 1/4"	1.5	12
117NL-B5F4	1 1/4"	1"	1.8	12
117NL-B5F5	1 1/4"	1 1/4"	2.0	10
117NL-B6F6	1 1/2"	1 1/2"	2.6	6
117NL-B7F7	2"	2"	3.8	5

CAMPAK X MIP



PART NUMBER	INLET CAMPAK	OUTLET MIP	WT. EACH	BOX QTY.
117NL-B1M1	1/2"	1/2"	0.6	35
117NL-B1M3	1/2"	3/4"	0.7	30
117NL-B2M1	5/8"	1/2"	0.8	25
117NL-B2M3	5/8"	3/4"	0.8	25
117NL-B3M1	3/4"	1/2"	0.8	25
117NL-B3M3	3/4"	3/4"	0.7	25
117NL-B3M4	3/4"	1"	0.8	25
117NL-B4M3	1"	3/4"	1.0	20
117NL-B4M4	1"	1"	1.0	20
117NL-B5M4	1 1/4"	1"	1.6	12
117NL-B5M5	1 1/4"	1 1/4"	2.4	9
117NL-B6M6	1 1/2"	1 1/2"	2.4	6
117NL-B7M7	2"	2"	3.3	4

CAMPAK X FEMALE COPPER FLARE * Copper washer included



PART NUMBER	INLET CAMPAK	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-B2P2	5/8"	5/8"	0.6	40
117NL-B3P2	3/4"	5/8"	0.6	20
117NL-B3P3	3/4"	3/4"	0.9	25
117NL-B4P3	1"	3/4"	1.0	16
117NL-B4P4	1"	1"	1.3	15
117NL-B4P5	1"	1 1/4"	1.4	12
117NL-B6P6	1 1/2"	1 1/2"	2.5	5
117NL-B7P7	2"	2"	3.4	4

NO-LEAD SERVICE LINE FITTINGS

COUPLINGS & ADAPTORS

COPPER FLARE X FIP



PART NUMBER	INLET COPPER FLARE	OUTLET FIP	WT. EACH	BOX QTY.
117NL-C1F1	1/2"	1/2"	0.6	30
117NL-C1F3	1/2"	3/4"	1.2	25
117NL-C2F3	5/8"	3/4"	0.7	25
117NL-C3F3	3/4"	3/4"	0.8	25
117NL-C3F4	3/4"	1"	1.0	25
117NL-C4F3	1"	3/4"	1.4	15
117NL-C4F4	1"	1"	1.3	20
117NL-C6F6	1 1/2"	1 1/2"	3.0	5
117NL-C7F7	2"	2"	5.5	4

COPPER FLARE X MIP



PART NUMBER	INLET COPPER FLARE	OUTLET MIP	WT. EACH	BOX QTY.
117NL-C1M1	1/2"	1/2"	0.6	40
117NL-C1M3	1/2"	3/4"	0.6	25
117NL-C2M1	5/8"	1/2"	0.7	25
117NL-C2M3	5/8"	3/4"	0.6	25
117NL-C3M1	3/4"	1/2"	0.8	25
117NL-C3M3	3/4"	3/4"	0.8	25
117NL-C3M4	3/4"	1"	0.9	15
117NL-C4M3	1"	3/4"	1.2	15
117NL-C4M4	1"	1"	1.2	15
117NL-C5M5	1 1/4"	1 1/4"	2.6	10
117NL-C6M6	1 1/2"	1 1/2"	3.0	5
117NL-C7M7	2"	2"	4.7	6

COPPER FLARE X FEMALE COPPER FLARE * Copper washer included



PART NUMBER	INLET COPPER FLARE	OUTLET FEMALE COPPER FLARE THREAD	WT. EACH	BOX QTY.
117NL-C1P3	1/2"	3/4"	0.9	36
117NL-C3P4	3/4"	1"	1.0	18
117NL-C4P3	1"	3/4"	1.4	18

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

FIP X FEMALE COPPER FLARE



PART NUMBER	INLET FIP	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
117NL-F3P3	3/4"	3/4"	0.6	36
117NL-F4P4	1"	1"	0.8	24
117NL-F6P6	1 1/2"	1 1/2"	1.8	10
117NL-F7P7	2"	2"	2.3	6

FIP X FEMALE COMPRESSION



PART NUMBER	INLET FIP	OUTLET FEMALE COMPRESSION	WT. EACH	BOX QTY.
117NL-F6O6	1 1/2"	1 1/2"	2.5	10
117NL-F7O7	2"	2"	3.8	6

GRIP JOINT X FIP



PART NUMBER	INLET GRIP JOINT	OUTLET FIP	WT. EACH	BOX QTY.
117NL-GJ3F1	3/4"	1/2"	0.9	25
117NL-GJ3F3	3/4"	3/4"	0.8	25
117NL-GJ3F4	3/4"	1"	1.4	25
117NL-GJ4F3	1"	3/4"	1.4	20
117NL-GJ4F4	1"	1"	1.4	12

GRIP JOINT X MIP



PART NUMBER	INLET GRIP JOINT	OUTLET MIP	WT. EACH	BOX QTY.
117NL-GJ3M1	3/4"	1/2"	0.8	25
117NL-GJ3M3	3/4"	3/4"	0.6	25
117NL-GJ3M4	3/4"	1"	0.7	20
117NL-GJ4M3	1"	3/4"	1.4	20
117NL-GJ4M4	1"	1"	1.1	12

GRIP JOINT X FEMALE COPPER FLARE * Copper washer included



PART NUMBER	INLET GRIP JOINT	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-GJ3P3	3/4"	3/4"	1.0	25
117NL-GJ4P4	1"	1"	1.4	15

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

CB COMPRESSION X FIP



PART NUMBER	INLET CB COMPRESSION	OUTLET FIP	WT. EACH	BOX QTY.
117NL-H1F1	1/2"	1/2"	0.6	30
117NL-H1F3	1/2"	3/4"	0.6	25
117NL-H2F3	5/8"	3/4"	0.7	25
117NL-H3F1	3/4"	1/2"	0.7	25
117NL-H3F3	3/4"	3/4"	0.6	40
117NL-H3F4	3/4"	1"	0.9	25
117NL-H4F3	1"	3/4"	1.4	20
117NL-H4F4	1"	1"	1.2	20
117NL-H5F4	1 1/4"	1"	1.8	10
117NL-H5F5	1 1/4"	1 1/4"	2.0	10
117NL-H6F6	1 1/2"	1 1/2"	2.3	10
117NL-H7F7	2"	2"	3.1	5

CB COMPRESSION X MIP



PART NUMBER	INLET CB COMPRESSION	OUTLET MIP	WT. EACH	BOX QTY.
117NL-H1M1	1/2"	1/2"	0.6	40
117NL-H1M3	1/2"	3/4"	0.7	30
117NL-H2M1	5/8"	1/2"	0.6	25
117NL-H2M3	5/8"	3/4"	0.7	25
117NL-H3M1	3/4"	1/2"	0.7	25
117NL-H3M3	3/4"	3/4"	0.7	25
117NL-H3M4	3/4"	1"	0.8	25
117NL-H4M3	1"	3/4"	1.1	20
117NL-H4M4	1"	1"	1.1	20
117NL-H5M4	1 1/4"	1"	2.1	12
117NL-H5M5	1 1/4"	1 1/4"	2.5	10
117NL-H6M4	1 1/2"	1"	1.5	10
117NL-H6M5	1 1/2"	1 1/4"	1.8	10
117NL-H6M6	1 1/2"	1 1/2"	1.7	10
117NL-H7M7	2"	2"	2.5	5

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

CB COMPRESSION X FEMALE COPPER FLARE * Copper washer included



PART NUMBER	INLET CB COMPRESSION	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-H2P2	5/8"	5/8"	0.6	40
117NL-H3P2	3/4"	5/8"	0.7	32
117NL-H3P3	3/4"	3/4"	0.7	25
117NL-H3P4	3/4"	1"	0.9	24
117NL-H4P3	1"	3/4"	1.1	20
117NL-H4P4	1"	1"	1.5	15
117NL-H4P5	1"	1 1/4"	1.7	12
117NL-H6P6	1 1/2"	1 1/2"	2.9	5
117NL-H7P7	2"	2"	3.4	4

IP (GALVANIZED PIPE) X FIP



PART NUMBER	INLET IP	OUTLET FIP	WT. EACH	BOX QTY.
117NL-IP2F1	5/8"	1/2"	0.9	40
117NL-IP3F3	3/4"	3/4"	1.3	20
117NL-IP4F3	1"	3/4"	1.4	12
117NL-IP4F4	1"	1"	1.7	12

IP (GALVANIZED PIPE) X MIP



PART NUMBER	INLET IP	OUTLET MIP	WT. EACH	BOX QTY.
117NL-IP1M1	1/2"	1/2"	0.7	40
117NL-IP3M3	3/4"	3/4"	1.1	24
117NL-IP3M4	3/4"	1"	1.3	12
117NL-IP4M3	1"	3/4"	1.2	12
117NL-IP4M4	1"	1"	1.4	12

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

HAYSTITE X FIP



PART NUMBER	INLET HAYSTITE	OUTLET FIP	WT. EACH	BOX QTY.
117NL-J3F1	3/4"	1/2"	0.9	25
117NL-J3F3	3/4"	3/4"	0.9	25
117NL-J3F4	3/4"	1"	1.4	25
117NL-J4F3	1"	3/4"	1.4	20
117NL-J4F4	1"	1"	1.2	15

HAYSTITE X MIP



PART NUMBER	INLET HAYSTITE	OUTLET MIP	WT. EACH	BOX QTY.
117NL-J3M1	3/4"	1/2"	0.8	25
117NL-J3M3	3/4"	3/4"	0.7	25
117NL-J3M4	3/4"	1"	0.8	25
117NL-J4M3	1"	3/4"	1.4	20
117NL-J4M4	1"	1"	1.1	15

KITEC X FIP



PART NUMBER	INLET KITEC	OUTLET FIP	WT. EACH	BOX QTY.
117NL-K3F3	3/4"	3/4"	0.9	25
117NL-K3F4	3/4"	1"	1.4	25
117NL-K4F3	1"	3/4"	1.4	20
117NL-K4F4	1"	1"	1.4	20

KITEC X MIP



PART NUMBER	INLET KITEC	OUTLET MIP	WT. EACH	BOX QTY.
117NL-K3M3	3/4"	3/4"	0.8	25
117NL-K3M4	3/4"	1"	0.8	25
117NL-K4M3	1"	3/4"	1.2	18
117NL-K4M4	1"	1"	1.2	18

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

KITEC X FEMALE COPPER FLARE * Copper washer included



PART NUMBER	INLET KITEC	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-K3P3	3/4"	3/4"	1.0	25
117NL-K4P4	1"	1"	1.6	20

KITEC ELECTRICAL TAIL X FEMALE COPPER FLARE



PART NUMBER	INLET KITEC ELECTRICAL	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-KE3P3	3/4"	3/4"	1.2	20
117NL-KE4P4	1"	1"	1.8	18

MIP X FEMALE COPPER FLARE



PART NUMBER	INLET MIP	OUTLET FEMALE COPPER FLARE	WT. EACH	BOX QTY.
117NL-M3P3	3/4"	3/4"	0.6	48
117NL-M3P4	3/4"	1"	0.5	36
117NL-M4P4	1"	1"	0.7	30

PEP SIZE COMPRESSION (PE SIDR7) X FIP



PART NUMBER	INLET PEP	OUTLET FIP	WT. EACH	BOX QTY.
117NL-PE3F3	3/4"	3/4"	1.1	20
117NL-PE3F4	3/4"	1"	1.3	25
117NL-PE4F3	1"	3/4"	1.3	20
117NL-PE4F4	1"	1"	1.7	15
117NL-PE4F5	1"	1 1/4"	2.3	15
117NL-PE5F5	1 1/4"	1 1/4"	2.6	10
117NL-PE6F4	1 1/2"	1"	2.9	5
117NL-PE6F6	1 1/2"	1 1/2"	3.4	4
117NL-PE7F7	2"	2"	3.6	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

PEP SIZE COMPRESSION (PE SDR7) X MIP ADAPTORS



PART NUMBER	INLET PEP	OUTLET MIP	WT. EACH	BOX QTY.
117NL-PE3M3	3/4"	3/4"	1.0	20
117NL-PE3M4	3/4"	1"	1.2	20
117NL-PE4M3	1"	3/4"	1.3	12
117NL-PE4M4	1"	1"	1.5	12
117NL-PE5M5	1 1/4"	1 1/4"	1.7	8
117NL-PE6M4	1 1/2"	1"	2.6	5
117NL-PE6M6	1 1/2"	1 1/2"	3.0	5
117NL-PE7M7	2"	2"	3.4	4

PVC COMPRESSION (IPS) X FIP ADAPTORS



PART NUMBER	INLET PVC	OUTLET FIP	WT. EACH	BOX QTY.
117NL-PJ3F3	3/4"	3/4"	1.1	20
117NL-PJ3F4	3/4"	1"	1.3	20
117NL-PJ4F3	1"	3/4"	1.5	12
117NL-PJ4F4	1"	1"	1.8	12
117NL-PJ4F5	1"	1 1/4"	2.3	15
117NL-PJ5F5	1 1/4"	1 1/4"	2.8	10
117NL-PJ6F4	1 1/2"	1	3.4	5
117NL-PJ6F6	1 1/2"	1 1/2"	3.5	5
117NL-PJ7F7	2"	2"	4.1	4

PVC COMPRESSION (IPS) X MIP ADAPTORS



PART NUMBER	INLET PVC	OUTLET MIP	WT. EACH	BOX QTY.
117NL-PJ3M3	3/4"	3/4"	1.0	20
117NL-PJ3M4	3/4"	1"	1.2	20
117NL-PJ4M3	1"	3/4"	1.3	12
117NL-PJ4M4	1"	1"	1.4	12
117NL-PJ5M5	1 1/4"	1 1/4"	1.7	8
117NL-PJ6M4	1 1/2"	1	2.6	5
117NL-PJ6M6	1 1/2"	1 1/2"	3.1	5
117NL-PJ7M7	2"	2"	3.9	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING & ADAPTORS

EXTRA STRONG LEAD SIZE X FIP



PART NUMBER	INLET XS LEAD	OUTLET FIP	WT. EACH	BOX QTY.
117NL-XS2F3	5/8"	3/4"	0.7	20
117NL-XS3F3	3/4"	3/4"	0.8	20
117NL-XS3F4	5/8"	1"	1.3	24

EXTRA STRONG LEAD SIZE X MIP



PART NUMBER	INLET XS LEAD	OUTLET MIP	WT. EACH	BOX QTY.
117NL-XS2M3	5/8"	3/4"	0.7	20
117NL-XS3M3	3/4"	3/4"	0.8	20
117NL-XS3M4	5/8"	1"	1.1	24

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

CAMBRIDGE COUPLING

CAMBRIDGE COUPLING X FIP



PART NUMBER	INLET CAMBRIDGE COUPLING	OUTLET FIP	WT. EACH	BOX QTY.
117NL-U2F3	5/8"	3/4"	1.8	4
117NL-U3F3	3/4"	3/4"	2.0	4
117NL-U4F4	1"	1"	2.7	4
117NL-U5F4	1 1/4"	1"	3.0	2
117NL-U5F6	1 1/4"	1 1/2"	3.3	4
117NL-U6F6	1 1/2"	1 1/2"	3.3	4
117NL-U7F7	2"	2"	3.7	2

CAMBRIDGE COUPLING X MIP



PART NUMBER	INLET CAMBRIDGE COUPLING	OUTLET MIP	WT. EACH	BOX QTY.
117NL-U2M3	5/8"	3/4"	1.7	4
117NL-U3M3	3/4"	3/4"	1.9	4
117NL-U4M4	1"	1"	2.6	4
117NL-U5M4	1 1/4"	1"	2.9	2
117NL-U5M6	1 1/4"	1 1/2"	3.5	4
117NL-U6M6	1 1/2"	1 1/2"	3.5	4
117NL-U7M7	2"	2"	4.0	2

PIPE OD RANGE PER SIZE

	MIN. INCHES	MAX. INCHES	MIN. (mm)	MAX. (mm)
U2	0.600	0.900	15.3	22.8
U3	0.735	1.135	18.6	28.8
U4	1.000	1.400	25.4	35.6
U5	1.300	1.700	33.0	43.2
U6	1.600	2.000	40.6	50.8
U7	1.969	2.381	50.0	60.5

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

CAMBRIDGE COUPLING

CAMBRIDGE COUPLING X CAMBRIDGE COUPLING



PART NUMBER	INLET CAMBRIDGE COUPLING	OUTLET CAMBRIDGE COUPLING	WT. EACH	BOX QTY.
119NL-U2U2	5/8"	5/8"	2.7	4
119NL-U2U3	5/8"	3/4"	3.3	4
119NL-U3U3	3/4"	3/4"	3.3	4
119NL-U3U4	3/4"	1"	3.4	4
119NL-U4U4	1"	1"	3.9	4
119NL-U4U5	1"	1 1/4"	4.4	2
119NL-U5U5	1 1/4"	1 1/4"	4.7	2
119NL-U5U6	1 1/4"	1 1/2"	5.0	2
119NL-U6U6	1 1/2"	1 1/2"	5.2	2
119NL-U6U7	1 1/2"	2"	5.9	3
119NL-U7U7	2"	2"	5.9	3

PIPE OD RANGE PER SIZE

	MIN. INCHES	MAX. INCHES	MIN. (mm)	MAX. (mm)
U2	0.600	0.900	15.3	22.8
U3	0.735	1.135	18.6	28.8
U4	1.000	1.400	25.4	35.6
U5	1.300	1.700	33.0	43.2
U6	1.600	2.000	40.6	50.8
U7	1.969	2.381	50.0	60.5

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (WITH STOP)

CAMPAK X CAMPAK



PART NUMBER	INLET CAMPAK	OUTLET CAMPAK	WT. EACH	BOX QTY.
118NL-B1B1	1/2"	1/2"	1.0	25
118NL-B2B1	5/8"	1/2"	1.0	25
118NL-B2B2	5/8"	5/8"	1.0	25
118NL-B3B1	3/4"	1/2"	1.0	25
118NL-B3B2	3/4"	5/8"	1.0	25
118NL-B3B3	3/4"	3/4"	1.0	20
118NL-B4B3	1"	3/4"	1.4	15
118NL-B4B2	1"	5/8"	1.2	15
118NL-B4B4	1"	1"	1.5	12
118NL-B5B4	1 1/4"	1"	2.6	6
118NL-B5B5	1 1/4"	1 1/4"	2.5	6
118NL-B6B6	1 1/2"	1 1/2"	3.7	5
118NL-B7B7	2"	2"	5.3	7

COPPER FLARE X COPPER FLARE



PART NUMBER	INLET COPPER FLARE	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
118NL-C1C1	1/2"	1/2"	0.8	25
118NL-C2C1	5/8"	1/2"	0.9	25
118NL-C2C2	5/8"	5/8"	1.2	25
118NL-C3C1	3/4"	1/2"	1.1	20
118NL-C3C2	3/4"	5/8"	1.1	20
118NL-C3C3	3/4"	3/4"	1.2	20
118NL-C4C3	1"	3/4"	1.6	15
118NL-C4C4	1"	1"	1.9	12
118NL-C5C5	1 1/4"	1 1/4"	3.8	6
118NL-C6C6	1 1/2"	1 1/2"	5.1	5
118NL-C7C7	2"	2"	8.5	5

GRIP JOINT X GRIP JOINT



PART NUMBER	INLET GRIP JOINT	OUTLET GRIP JOINT	WT. EACH	BOX QTY.
118NL-GJ3GJ3	3/4"	3/4"	0.9	20
118NL-GJ4GJ3	1"	3/4"	1.5	15
118NL-GJ4GJ4	1"	1"	1.9	12

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (WITH STOP)

CB X CB COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
118NL-H1H1	1/2"	1/2"	1.0	25
118NL-H2H1	5/8"	1/2"	1.0	25
118NL-H3H1	3/4"	1/2"	1.0	25
118NL-H3H2	3/4"	5/8"	0.8	25
118NL-H3H3	3/4"	3/4"	1.0	25
118NL-H4H1	1"	1/2"	1.8	15
118NL-H4H2	1"	5/8"	1.2	15
118NL-H4H3	1"	3/4"	1.2	15
118NL-H4H4	1"	1"	1.5	15
118NL-H5H5	1 1/4"	1 1/4"	3.6	6
118NL-H6H4	1 1/2"	1"	2.3	9
118NL-H6H6	1 1/2"	1 1/2"	3.1	6
118NL-H7H7	2"	2"	4.1	4

CB COMPRESSION X CAMPAK



PART NUMBER	INLET CB COMPRESSION	OUTLET CAMPAK	WT. EACH	BOX QTY.
118NL-H3B1	3/4"	1/2"	1.0	25
118NL-H3B2	3/4"	5/8"	1.0	25
118NL-H4B1	1"	1/2"	1.9	15
118NL-H4B2	1"	5/8"	1.4	15

CB COMPRESSION X CB COMPRESSION ELECTRICAL CONNECTION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB ELECTRICAL CONNECTION	WT. EACH	BOX QTY.
118NL-H3HE3	3/4"	3/4"	1.1	20
118NL-H4HE4	1"	1"	1.6	12
118NL-H6H36	1 1/2"	1 1/2"	3.5	6
118NL-H7HE7	2"	2"	4.1	4

HAYSTITE X HAYSTITE



PART NUMBER	INLET HAYSTITE	OUTLET HAYSTITE	WT. EACH	BOX QTY.
118NL-J3J3	3/4"	3/4"	1.0	20
118NL-J4J3	1"	3/4"	1.6	12
118NL-J4J4	1"	1"	1.8	10

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (WITH STOP)

KITEC X COPPER FLARE



PART NUMBER	INLET KITEC	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
118NL-K3C3	3/4"	3/4"	1.2	20
118NL-K4C4	1"	1"	2.0	12

KITEC X CB COMPRESSION



PART NUMBER	INLET KITEC	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
118NL-K3H1	3/4"	1/2"	1.0	25
118NL-K3H3	3/4"	3/4"	1.1	25
118NL-K3H4	3/4"	1"	1.6	15
118NL-K4H3	1"	3/4"	1.6	15
118NL-K4H4	1"	1"	1.9	12

KITEC X KITEC



PART NUMBER	INLET KITEC	OUTLET KITEC	WT. EACH	BOX QTY.
118NL-K3K3	3/4"	3/4"	1.2	20
118NL-K4K3	1"	3/4"	1.7	20
118NL-K4K4	1"	1"	1.9	10

KITEC ELECTRICAL X KITEC ELECTRICAL



PART NUMBER	INLET KITEC ELECTRICAL	OUTLET KITEC ELECTRICAL	WT. EACH	BOX QTY.
118NL-KE3KE3	3/4"	3/4"	1.4	20
118NL-KE4KE3	1"	3/4"	1.8	20
118NL-KE4KE4	1"	1"	3.1	10

KITEC ELECTRICAL X CB COMPRESSION



PART NUMBER	INLET KITEC ELECTRICAL	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
118NL-KE3H3	3/4"	3/4"	1.5	25
118NL-KE4H4	1"	1"	2.0	15

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (WITH STOP)

2 PART COUPLING COPPER FLARE X REVERSE COPPER FLARE



PART NUMBER	INLET COPPER FLARE	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
120NL-C3C3	3/4"	3/4"	0.7	36
120NL-C4C4	1"	1"	2.3	20
120NL-C6C6	1 1/2"	1 1/2"	3.0	5
120NL-C7C7	2"	2"	5.0	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

CAMPAK X CAMPAK



PART NUMBER	INLET CAMPAK	OUTLET CAMPAK	WT. EACH	BOX QTY.
119NL-B1B1	1/2"	1/2"	0.9	25
119NL-B2B2	5/8"	5/8"	1.0	25
119NL-B3B3	3/4"	3/4"	1.0	20
119NL-B4B3	1"	3/4"	1.4	15
119NL-B4B4	1"	1"	1.5	12
119NL-B5B4	1 1/4"	1"	3.0	5
119NL-B5B5	1 1/4"	1 1/4"	3.3	6
119NL-B6B6	1 1/2"	1 1/2"	3.8	5
119NL-B7B7	2"	2"	5.0	7

CAMPAK X PEP COMPRESSION (PR SIDR7)



PART NUMBER	INLET CAMPAK	OUTLET PEP	WT. EACH	BOX QTY.
119NL-B3PE3	3/4"	3/4"	1.4	12
119NL-B3PE4	3/4"	1"	1.5	8
119NL-B4PE3	1"	3/4"	1.5	12
119NL-B4PE4	1"	1"	1.9	8
119NL-B6PE6	1 1/2"	1 1/2"	3.9	5
119NL-B7PE7	2"	2"	5.5	5

CAMPAK X PVC COMPRESSION (IPS)



PART NUMBER	INLET CAMPAK	OUTLET PVC	WT. EACH	BOX QTY.
119NL-B3PJ3	3/4"	3/4"	1.4	12
119NL-B3PJ4	3/4"	1"	1.5	8
119NL-B4PJ3	1"	3/4"	1.5	12
119NL-B4PJ4	1"	1"	1.9	8
119NL-B6PJ6	1 1/2"	1 1/2"	3.9	6
119NL-B7PJ7	2"	2"	5.5	5

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

CAMPAK X IP (GALVANIZED) PIPE



PART NUMBER	INLET CAMPAK	OUTLET IP	WT. EACH	BOX QTY.
119NL-B1IP1	1/2"	1/2"	1.0	25
119NL-B3IP1	3/4"	1/2"	1.2	25
119NL-B3IP3	3/4"	3/4"	1.4	15
119NL-B3IP4	3/4"	1"	1.5	8
119NL-B4IP3	1"	3/4"	1.5	12
119NL-B4IP4	1"	1"	1.7	8

CAMPAK X EXTRA STRONG LEAD COMPRESSION



PART NUMBER	INLET CAMPAK	OUTLET EXTRA STRONG	WT. EACH	BOX QTY.
119NL-B3XS1	3/4"	1/2"	1.8	20
119NL-B3XS2	1"	5/8"	1.8	18
119NL-B4XS2	1"	5/8"	2.0	15

CB COMPRESSION X PVC COMPRESSION (IPS)



PART NUMBER	INLET CB COMPRESSION	OUTLET PVC	WT. EACH	BOX QTY.
119NL-H3PJ3	3/4"	3/4"	1.0	15
119NL-H3PJ4	3/4"	1"	1.8	8
119NL-H4PJ3	1"	3/4"	1.8	12
119NL-H4PJ4	1"	1"	2.1	8
119NL-H4PJ6	1	1 1/2"	3.5	5
119NL-H6PJ6	1 1/2"	1 1/2"	3.9	5

CB COMPRESSION X EXTRA STRONG LEAD COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET EXTRA STRONG	WT. EACH	BOX QTY.
119NL-H3XS1	3/4"	1/2"	0.9	20
119NL-H3XS2	3/4"	5/8"	0.9	18
119NL-H4XS2	1"	5/8"	2.0	15

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

HAYSTITE X HAYSTITE



PART NUMBER	INLET HAYSTITE	OUTLET HAYSTITE	WT. EACH	BOX QTY.
119NL-J3J3	3/4"	3/4"	1.0	20
119NL-J4J4	1"	1"	1.8	10

IP (GALVANIZED) PIPE X IP (GALVANIZED) PIPE



PART NUMBER	INLET IP	OUTLET IP	WT. EACH	BOX QTY.
119NL-IP1IP1	1/2"	1/2"	1.8	25
119NL-IP3IP3	3/4"	3/4"	1.3	12
119NL-IP4IP3	1"	3/4"	1.9	8
119NL-IP4IP4	1"	1"	2.1	8

PEP COMPRESSION (PE SDR7) X PEP COMPRESSION (PE SDR7)



PART NUMBER	INLET PEP	OUTLET PEP	WT. EACH	BOX QTY.
119NL-PE3PE3	3/4"	3/4"	1.5	12
119NL-PE3PE4	3/4"	1"	2.1	8
119NL-PE4PE4	1"	1"	2.3	4
119NL-PE5PE5	1 1/4"	1 1/4"	3.6	8
119NL-PE6PE6	1 1/2"	1 1/2"	4.8	8
119NL-PE7PE7	2"	2"	5.2	5

GRIP JOINT X IP (GALVANIZED) PIPE



PART NUMBER	INLET GRIP JOINT	OUTLET IP	WT. EACH	BOX QTY.
119NL-GJ3IP1	3/4"	1/2"	1.0	25
119NL-GJ3IP3	3/4"	3/4"	1.2	25
119NL-GJ3IP4	3/4"	1"	1.5	8
119NL-GJ4IP3	1"	3/4"	1.5	12
119NL-GJ4IP4	1"	1"	1.7	8

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

GRIP JOINT X GRIP JOINT



PART NUMBER	INLET GRIP JOINT	OUTLET GRIP JOINT	WT. EACH	BOX QTY.
119NL-GJ3GJ3	3/4"	3/4"	0.9	20
119NL-GJ4GJ3	1"	3/4"	1.5	15
119NL-GH4GJ4	1"	1"	1.9	12

CB X CB COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
119NL-H1H1	1/2"	1/2"	0.9	25
119NL-H2H2	5/8"	5/8"	1.0	25
119NL-H3H3	3/4"	3/4"	1.0	25
119NL-H3H5	3/4"	1 1/4"	2.1	8
119NL-H4H3	1"	3/4"	1.5	15
119NL-H4H4	1"	1"	1.7	15
119NL-H5H4	1 1/4"	1"	2.6	6
119NL-H5H5	1 1/4"	1 1/4"	3.7	6
119NL-H6H6	1 1/2"	1 1/2"	3.1	6
119NL-H6H7	1 1/2"	2"	3.8	4
119NL-H7H7	2"	2"	4.0	4

CB X CB COMPRESSION ELECTRICAL CONNECTION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION ELEC. CONNECTION	WT. EACH	BOX QTY.
119NL-H3HE3	3/4"	3/4"	1.5	20
119NL-H4HE4	1"	1"	1.9	15

CB COMPRESSION X IP (GALVANIZED) PIPE



PART NUMBER	INLET CB COMPRESSION	OUTLET IP	WT. EACH	BOX QTY.
119NL-H1IP1	1/2"	1/2"	0.7	25
119NL-H3IP1	3/4"	1/2"	0.9	25
119NL-H3IP3	3/4"	3/4"	1.0	20
119NL-H3IP4	3/4"	1"	1.5	8
119NL-H4IP3	1"	3/4"	1.6	12
119NL-H4IP4	1"	1"	1.9	8

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

CB COMPRESSION X PEP COMPRESSION (PE SDR 7)



PART NUMBER	INLET CB COMPRESSION	OUTLET PEP COMPRESSION	WT. EACH	BOX QTY.
119NL-H3PE3	3/4"	3/4"	1.3	12
119NL-H3PE4	3/4"	1"	1.4	8
119NL-H4PE3	1"	3/4"	1.4	12
119NL-H4PE4	1"	1"	1.8	9
119NL-H6PE6	1 1/2"	1 1/2"	3.7	6
119NL-H7PE7	2"	2"	5.4	5

PVC COMPRESSION (IPS) X PVC COMPRESSION (IPS)



PART NUMBER	INLET PVC COMPRESSION	OUTLET PVC COMPRESSION	WT. EACH	BOX QTY.
119NL-PJ3PJ3	3/4"	3/4"	1.3	12
119NL-PJ3PJ4	3/4"	1"	1.4	8
119NL-PJ4PJ4	1"	1"	1.4	8
119NL-PJ5PJ5	1 1/4"	1 1/4"	1.8	8
119NL-PJ6PJ6	1 1/2"	1 1/2"	3.7	5
119NL-PJ7PJ7	2"	2"	5.4	5

PEP SIZE COMPRESSION (PE SDR7) X PVC COMPRESSION (IPS)



PART NUMBER	INLET PEP COMPRESSION	OUTLET PVC COMPRESSION	WT. EACH	BOX QTY.
119NL-PE3PJ3	3/4"	3/4"	1.4	12
119NL-PE3PJ4	3/4"	1"	1.5	8
119NL-PE4PJ3	1"	3/4"	1.5	5
119NL-PE4PJ4	1"	1"	1.9	8

PEP COMPRESSION (PE SDR 7) X IP (GALVANIZED) PIPE



PART NUMBER	INLET PEP COMPRESSION	OUTLET IP	WT. EACH	BOX QTY.
119NL-PE3IP3	3/4"	3/4"	1.4	12
119NL-PE3IP4	3/4"	1"	1.5	8
119NL-PE4IP3	1"	3/4"	1.5	8
119NL-PE4IP4	1"	1"	1.9	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

COUPLING (NO STOP)

PVC COMPRESSION (IPS) X IP (GALVANIZED) PIPE



PART NUMBER	INLET PVC COMPRESSION	OUTLET IP	WT. EACH	BOX QTY.
119NL-PJ3IP3	3/4"	3/4"	1.4	12
119NL-PJ3IP4	3/4"	1"	1.5	8
119NL-PJ4IP3	1"	3/4"	1.5	8
119NL-PJ4IP4	1"	1"	1.9	4

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

TEES

CAMPAK X CAMPAK X CAMPAK



PART NUMBER	INLET CAMPAK	OUTLET CAMPAK	WT. EACH	BOX QTY.
150NL-B3B3	3/4"	3/4"	1.9	8
150NL-B3B4	3/4"	1"	2.3	4
150NL-B4B4	1"	1"	3.2	4
150NL-B6B3	1 1/2"	3/4"	4.2	4
150NL-B6B6	1 1/2"	1 1/2"	4.4	3
150NL-B7B3	2"	3/4"	5.6	2
150NL-B7B4	2"	1"	5.8	2
150NL-B7B7	2"	2"	7.0	2

COPPER FLARE X COPPER FLARE X COPPER FLARE



PART NUMBER	INLET COPPER FLARE	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
150NL-C3C3	3/4"	3/4"	1.9	10
150NL-C4C4	1"	1"	3.4	5

GRIP JOINT X GRIP JOINT X GRIP



PART NUMBER	INLET GRIP JOINT	OUTLET GRIP JOINT	WT. EACH	BOX QTY.
150NL-GJ3GJ3	3/4"	3/4"	1.9	10
150NL-GJ3GJ4	3/4"	1"	2.3	8
150NL-GJ4GJ4	1"	1"	3.4	4

CB X CB X CB COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
150NL-H3H3	3/4"	3/4"	1.9	12
150NL-H3H4	3/4"	1"	2.3	8
150NL-H4H3	1"	3/4"	3.2	4
150NL-H4H4	1"	1"	3.6	4
150NL-H6H3	1 1/2"	3/4"	4.0	4
150NL-H6H6	1 1/2"	1 1/2"	4.4	3
150NL-H7H3	2"	3/4"	5.0	2
150NL-H7H4	2"	1"	5.4	2
150NL-H7H7	2"	2"	6.9	3

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

TEES

HAYSTITE X HAYSTITE X HAYSTITE



PART NUMBER	INLET HAYSTITE	OUTLET HAYSTITE	WT. EACH	BOX QTY.
150NL-J3J3	3/4"	3/4"	2.0	6
150NL-J3J4	3/4"	1"	2.3	4
150NL-J4J4	1"	1"	3.8	4

KITEC X KITEC X KITEC



PART NUMBER	INLET KITEC	OUTLET KITEC	WT. EACH	BOX QTY.
150NL-K3K3	3/4"	3/4"	2.1	8
150NL-K3K4	3/4"	1"	4.0	4
150NL-K4K4	1"	1"	4.0	4

PEP X PEP X PEP (PE SIDR 7)



PART NUMBER	INLET PEP	OUTLET PEP	WT. EACH	BOX QTY.
150NL-PE3PE3	3/4"	3/4"	2.0	4

CAMPAK X CAMPAK X FIP



PART NUMBER	INLET CAMPAK	OUTLET FIP	WT. EACH	BOX QTY.
151NL-B3F3	3/4"	3/4"	1.3	12
151NL-B4F4	1"	1"	2.9	6
151NL-B6F3	1 1/2"	3/4"	5.7	12
151NL-B7F3	2"	3/4"	8.5	2
151NL-B7F4	2"	1"	6.0	2

CAMPAK X CAMPAK X MIP



PART NUMBER	INLET CAMPAK	OUTLET MIP	WT. EACH	BOX QTY.
151NL-B3M3	3/4"	3/4"	1.6	12
151NL-B4M4	1"	1"	2.8	6

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

TEES

COPPER FLARE X COPPER FLARE X FIP



PART NUMBER	INLET COPPER FLARE	OUTLET FIP	WT. EACH	BOX QTY.
151NL-C3F3	3/4"	3/4"	1.6	10
151NL-C4F4	1"	1"	3.0	6

COPPER FLARE X COPPER FLARE X MIP



PART NUMBER	INLET COPPER FLARE	OUTLET MIP	WT. EACH	BOX QTY.
151NL-C3M3	3/4"	3/4"	1.5	10
151NL-C4M4	1"	1"	2.7	6

CB X CB COMPRESSION X FIP



PART NUMBER	INLET CB COMPRESSION	OUTLET FIP	WT. EACH	BOX QTY.
151NL-H3F3	3/4"	3/4"	1.7	12
151NL-H4F4	1"	1"	2.9	6
151NL-H6F3	1 1/2"	3/4"	3.3	6
151NL-H7F3	2"	3/4"	4.4	3
151NL-H7F4	2"	1"	4.4	5

CB X CB COMPRESSION X MIP



PART NUMBER	INLET CB COMPRESSION	OUTLET MIP	WT. EACH	BOX QTY.
151NL-H3M3	3/4"	3/4"	1.6	12
151NL-H4M4	1"	1"	2.7	6

KITEC X KITEC X MIP



PART NUMBER	INLET KITEC	OUTLET MIP	WT. EACH	BOX QTY.
151NL-K3M3	3/4"	3/4"	1.7	10
151NL-K4M4	1"	1"	2.9	6

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

WYE BRANCHES

CAMPAK X CAMPAK X CAMPAK



PART NUMBER	INLET CAMPAK	OUTLET CAMPAK	WT. EACH	BOX QTY.
152NL-B4B3	1"	3/4"	2.0	6
152NL-B6B4	1 1/2"	1"	3.9	3
152NL-B7B4	2"	1"	4.6	2

COPPER FLARE X COPPER FLARE X COPPER FLARE



PART NUMBER	INLET COPPER FLARE	OUTLET COPPER FLARE	WT. EACH	BOX QTY.
152NL-C4C3	1"	3/4"	2.4	6

GRIP JOINT X GRIP JOINT X GRIP JOINT



PART NUMBER	INLET GRIP JOINT	OUTLET GRIP JOINT	WT. EACH	BOX QTY.
152NL-GJ4GJ3	1"	3/4"	2.1	6

CB X CB X CB COMPRESSION



PART NUMBER	INLET CB COMPRESSION	OUTLET CB COMPRESSION	WT. EACH	BOX QTY.
152NL-H3H3	3/4"	3/4"	1.9	8
152NL-H4H3	1"	3/4"	2.1	8
152NL-H4H4	1"	1"	2.7	3
152NL-H6H4	1 1/2"	1"	3.8	4
152NL-H7H4	2"	1"	4.1	3

HAYSTITE X HAYSTITE X HAYSTITE



PART NUMBER	INLET HAYSTITE	OUTLET HAYSTITE	WT. EACH	BOX QTY.
152NL-J4J3	1"	3/4"	2.8	6

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

WYE BRANCHES

KITEC X KITEC X KITEC



PART NUMBER	INLET KITEC	OUTLET MIP	WT. EACH	BOX QTY.
152NL-K4K3	1"	3/4"	2.5	8

FIP X (4) FIP OUTLETS



PART NUMBER	INLET FIP	OUTLET FIP	WT. EACH	BOX QTY.
155NL-F7F4	2"	1"	2.3	3

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

U-BRANCHES

90 DEGREE INLET TO OUTLET U-BRANCH



PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
CAMP X MIP X MIP 171NL-B4M3	1"	3/4"	6.5"	2.0	6
PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
CB COMPRESSION X MIP X MIP 171NL-H4M3	1"	3/4"	6.5"	2.3	6
PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
METER THREAD X MIP 171NL-N3M3	3/4"	3/4"	6.5"	2.0	6
171NL-N4M3	1"	3/4"	6.5"	2.3	6



STRAIGHT INLET TO OUTLET U-BRANCH



PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
CAMP X MIP X MIP 172NL-B4M3	1"	3/4"	5.5"	2.7	4
172NL-B4M36500	1"	3/4"	6.5"	2.8	6
172NL-B4M37500	1"	3/4"	7.5"	3.0	6



PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
FIP X MIP X MIP 172NL-F4M36500	1"	3/4"	6.5"	1.8	6
172NL-F4M37500	1"	3/4"	7.5"	2.0	6

NO-LEAD SERVICE LINE FITTINGS

U-BRANCHES

STRAIGHT INLET TO OUTLET U-BRANCH



PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
GRIP JOINT X MIP X MIP					
172NL-GJ4M3	1"	3/4"	6.5"	2.5	4
172NL-GJ4M37500	1"	3/4"	7.5"	2.5	5
PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
CB COMPRESSION X MIP X MIP					
172NL-H4M3	1"	3/4"	5.5"	2.5	4
172NL-H4M36500	1"	3/4"	6.5"	2.5	6
172NL-H4M37500	1"	3/4"	7.5"	2.7	5
172NL-H6M4	1 1/2"	1"	9"	4.3	2



STRAIGHT INLET TO OUTLET U-BRANCH



PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
HAYSTITE X MIP X MIP					
172NL-J4M3	1"	3/4"	5.5"	2.5	4
172NL-J4M36500	1"	3/4"	6.5"	2.5	6
172NL-J4M37500	1"	3/4"	7.5"	2.5	6
PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
MIP X MIP X MIP					
172NL-M3M1	3/4"	1/2"	5.5"	1.8	5
172NL-M3M3	3/4"	3/4"	6.5"	1.8	5
172NL-M4M3	1"	3/4"	6.5"	1.8	5
172NL-M4M37500	1"	3/4"	7.5"	1.8	6
PART NUMBER	INLET SIZE	BRANCH SIZE	SPREAD	WT. EACH (LBS)	BOX QTY.
CB COMPRESSION X MIP X MIP X FIP X FIP					
173NL-H6M4F4	1 1/2"	1"	6.5"	3.9	2
173NL-H7M4F4	2"	1"	7.5"	4.5	2



Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

NUT ASSEMBLIES AND ACCESSORIES

CAMPAK COMPRESSION NUT AND GASKET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-B1	1/2"	0.3	75
81-B2	5/8"	0.3	60
81-B3	3/4"	0.3	50
81-B4	1"	0.5	35
81-B5	1 1/4"	0.7	30
81-B6	1 1/2"	1.2	15
81-B7	2"	1.7	10

COPPER FLARE NUT WITH ELECTRICAL CONNECTION



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-CE3	3/4"	0.4	35
81-CE4	1"	0.5	25

CB COMPRESSION NUT AND GASKET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-H1	1/2"	0.3	75
81-H2	5/8"	0.3	75
81-H3	3/4"	0.4	60
81-H4	1"	0.6	36
81-H5	1 1/4"	0.7	30
81-H6	1 1/2"	0.8	25
81-H7	2"	1.1	24

HAYSTITE NUT AND GASKET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-J3	3/4"	0.3	60
81-J4	1"	0.6	24

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

NUT ASSEMBLIES AND ACCESSORIES

COPPER FLARE NUT



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-C1	1/2"	0.3	75
81-C2	5/8"	0.3	60
81-C3	3/4"	0.3	60
81-C4	1"	0.6	35
81-C5	1 1/4"	0.9	30
81-C6	1 1/2"	1.0	15
81-C7	2"	1.4	10

GRIP JOINT COMPRESSION NUT AND GASKET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-GJ3	3/4"	0.8	60
81-GJ4	1"	0.8	24

CB COMPRESSION ELECTRICAL NUT ASSEMBLY



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-HE3	3/4"	0.6	36
81-HE4	1"	0.7	25
81-HE6	1 1/2"	1.4	10
81-HE7	2"	1.7	10

HAYSTITE NUT AND GASKET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-IP1	1/2"	0.3	75
81-IP3	3/4"	0.4	60
81-IP4	1"	0.6	40

KITEC NUT AND INSERT



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81NL-K3	3/4"	0.4	50
81NL-K4	1"	0.8	24

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

NUT ASSEMBLIES AND ACCESSORIES

KITEC NUT ASSEMBLIES (ELECTRICAL CONNECTION)



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81NL-KE3	3/4"	0.5	40
81NL-KE4	1"	0.8	30

KITEC GASKET KIT (INCLUDES 2 SMALL AND 1 LARGE O-RINGS)



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-KO3	3/4"		
81-KO4	1"		

COPPER FLARE INSERT



PART NUMBER	SIZE	WT. EACH	BOX QTY.
85NL-3	3/4"	0.1	10
85NL-4	1"	0.1	10

IPS COMPRESSION NUT ASSEMBLIES PE SDR7



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-PE3	3/4"	0.3	50
81-PE4	1"	0.5	35
81-PE5	1 1/4"	0.4	30
81-PE6	1 1/2"	1.2	15
81-PE7	2"	1.7	10

PVC/IPS COMPRESSION NUT ASSEMBLIES



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-PJ3	3/4"	0.3	50
81-PJ4	1"	0.5	35
81-PJ5	1 1/4"	0.4	15
81-PJ6	1 1/2"	1.2	15
81-PJ7	2"	1.7	10

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

NUT ASSEMBLIES AND ACCESSORIES

COMPRESSION FOR LEAD



PART NUMBER	SIZE	WT. EACH	BOX QTY.
81-XS2	5/8"	0.3	60

PLUG FOR COMPRESSION OUTLET



PART NUMBER	SIZE	WT. EACH	BOX QTY.
90NL-3	3/4		40
90NL-4	1		25
90NL-6	1 1/2		10
90NL-7	2		10

Inserts are required for optimum performance when using flexible tubing.

NO-LEAD SERVICE LINE FITTINGS

NUT ASSEMBLIES AND ACCESSORIES

O.D. TAPES



PART NUMBER	SIZE	WT. EACH	BOX QTY.
A2020000			

AQUA DIP NEEDLES



PART NUMBER	SIZE	WT. EACH	BOX QTY.
A2008150			

2" SQUARE OPERATING NUTS (INCLUDES CLEVIS PIN)



PART NUMBER	SIZE	WT. EACH	BOX QTY.
500901A		1.0	20

HANDLES



PART NUMBER	SIZE	WT. EACH	BOX QTY.
070340	3/4" & 1"	0.3	

HANDLES - SPECIAL 1 1/2" AND 2" (FACTORY ASSEMBLED)



PART NUMBER	SIZE	WT. EACH	BOX QTY.
071225A	1 1/2" and 2"		

NO-LEAD SERVICE LINE FITTINGS

STAINLESS STEEL PIPE INSERTS

INSERTS FOR IPS SIZE PLASTIC PIPE SDR-17



PART NUMBER	SIZE	WT. EACH LBS.	BOX QTY.
84-5	1 1/4"	0.07	25
84-6	1 1/2"	0.11	25
84-7	2"	0.12	25

INSERTS FOR CTS SIZE PLASTIC PIPE SDR-9



PART NUMBER	SIZE	WT. EACH	BOX QTY.
86-3	3/4"	0.03	50
86-4	1"	0.04	50
86-5	1 1/4"	0.07	25
86-6	1 1/2"	0.11	25
86-7	2"	0.12	25

INSERTS FOR PEP SIZE PLASTIC PIPE SDR7 ONLY



PART NUMBER	SIZE	WT. EACH	BOX QTY.
87-3	3/4"	0.03	50
87-4	1"	0.04	25
87-5	1 1/4"	0.07	25
87-6	1 1/2"	0.11	25
87-7	2"	0.12	25

INSERTS FOR IPS SIZE PLASTIC PIPE SDR-9



PART NUMBER	SIZE	WT. EACH	BOX QTY.
88-3	3/4"	0.03	50
88-4	1"	0.04	25
88-5	1 1/4"	0.07	25
88-6	1 1/2"	0.11	25
88-7	2"	0.12	25

INSERTS FOR IPS SIZE PLASTIC PIPE SDR-11



PART NUMBER	SIZE	WT. EACH	BOX QTY.
89-5	1 1/4"	0.07	50
89-6	1 1/2"	0.11	50
89-7	2"	0.12	25



Inserts are required for optimum performance when using flexible tubing.

Ph: (800)-265-6638 (CDN) * (800) 724-3906 (US) * www.cambridgebrass.com

CAMBRIDGE BRASS LIFETIME WARRANTY

Cambridge Brass, Inc., 140 Orion Place, Cambridge, Ontario warrants to the installing purchaser that products manufactured by Cambridge Brass are free from defects in material and/or workmanship for the lifetime of the product.*

Effective with products produced March 1st, 2005 or thereafter Cambridge Brass will, at its option, repair or replace any part which proves to be defective in material and/or workmanship during the warranty period under approved installation, water and service conditions and use.

If Cambridge Brass concludes that the returned part was manufactured by Cambridge Brass and is, in fact, defective, then Cambridge brass will honor the warranty stated herein. LABOUR CHARGES AND/OR DAMAGED INCURRED IN INSTALLATION, REPAIR OR REPLACEMENT AS WELL AS CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE DAMAGES CONNECTED THEREWITH ARE EXCLUDED AND WILL NOT BE PAID BY CAMBRIDGE BRASS.

This warranty is void in the event of any damage to the product due to uses other than those for which the product has been designed & promoted, abuse, neglect, accident, improper installation , any use other than the instructions furnished by Cambridge Brass or use of replacement parts other than genuine Cambridge parts.

The Lifetime Warranty terms described herein do not apply to plug (key) style valves or to any moving plastic parts such as check valves.



Cambridge Brass does warrant these parts for 5 years per the other terms of this Lifetime warranty.

This is the complete and exclusive warranty made by Cambridge Brass. Cambridge Brass does not make any other warranty of any kind, including any implied warranties.

*assumes a 40 year product life span.



CAMBRIDGE BRASS INC.

WATERWORKS BRASS MANUFACTURERS

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