



SECTION 6A

PEX & RADIANT TUBING, FITTINGS & ACCESSORIES



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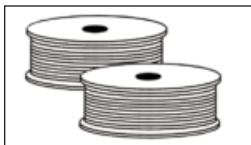
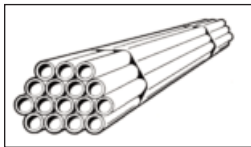
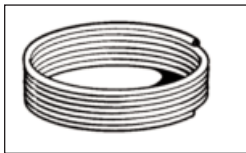
In the United States: Phone (800) 776-2266 Fax (800) 729-3299
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CANPEX™ UV Plus Tubing



PEX Tubing



CANPEX™ UV PLUS Tubing Features:

- Single layer PEX in white, red and blue.
 - NSF-PW PEX 5306 certification for maximum protection against UV radiation and chlorine resistance.
 - 100% continuous hot water recirculation up to 140°F.
 - Includes metal deactivation additive to protect against polymer degradation.
 - 100 PSI@180°F, 160 PSI@73°F SDR-9
 - CSA B137.5
 - ASTM F876/F877/F2023
 - CL-R/CL-TD
 - CAN/ULC S101/UL263, CAN/ULC S102.2-03/UL E84, CTS-OD Coils
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CB PRODUCT CODE #1.
Potable CANPEX PEX Tubing

Part Number			Nominal Size	Coil Length	List Price
CANPEX™ UV PLUS TUBING - COILS					
PX1C1			1/4" (3/8" OD)	100'	\$0.50/ft
PX1C5			1/4" (3/8" OD)	500'	0.50/ft
PX1C10			1/4" (3/8" OD)	1000'	0.50/ft
PX2C1	PXR2C1	PXB2C1	3/8" (1/2" OD)	100'	0.67/ft
PX2C2.5	PXR2C2.5	PXB2C2.5	3/8" (1/2" OD)	250'	0.67/ft
PX2C5	PXR2C5	PXB2C5	3/8" (1/2" OD)	500'	0.67/ft
PX2C10	PXR2C10	PXB2C10	3/8" (1/2" OD)	1000'	0.67/ft
PX3C1	PXR3C1	PXB3C1	1/2" (5/8" OD)	100'	0.76/ft
PX3C2.5	PXR3C2.5	PXB3C2.5	1/2" (5/8" OD)	250'	0.76/ft
PX3C3	PXR3C3	PXB3C3	1/2" (5/8" OD)	300'	0.76/ft
PX3C5	PXR3C5	PXB3C5	1/2" (5/8" OD)	500'	0.76/ft
PX3C10	PXR3C10	PXB3C10	1/2" (5/8" OD)	1000'	0.76/ft
PX4C1	PXR4C1	PXB4C1	3/4" (7/8" OD)	100'	1.38/ft
PX4C2.5	PXR4C2.5	PXB4C2.5	3/4" (7/8" OD)	250'	1.38/ft
PX4C3	PXR4C3	PXB4C3	3/4" (7/8" OD)	300'	1.38/ft
PX4C5	PXR4C5	PXB4C5	3/4" (7/8" OD)	500'	1.38/ft
PX4C10	PXR4C10	PXB4C10	3/4" (7/8" OD)	1000'	1.38/ft
PX5C1	PXR5C1	PXB5C1	1" (1 1/8" OD)	100'	2.40/ft
PX5C2.5	PXR5C2.5	PXB5C2.5	1" (1 1/8" OD)	250'	2.40/ft
PX5C3	PXR5C3	PXB5C3	1" (1 1/8" OD)	300'	2.40/ft
PX5C5	PXR5C5	PXB5C5	1" (1 1/8" OD)	500'	2.40/ft
PX5C10			1" (1 1/8" OD)	1000'	2.40/ft
CANPEX™ UV PLUS TUBING - BUNDLED STRAIGHT LENGTHS of 10' or 20'					
	PXR2L10	PXB2L10	3/8" x 20' (5/8" OD)	1000' BDL	0.67/ft
PX3L-S	PXR3L-S	PXB3L-S	1/2" x 10' (5/8" OD)	500' BDL	0.76/ft
PX3L10	PXR3L10	PXB3L10	1/2" x 20' (5/8" OD)	1000' BDL	0.76/ft
PX4L-S	PXR4L-S	PXB4L-S	3/4" x 10' (7/8" OD)	250' BDL	1.38/ft
PX4L5	PXR4L5	PXB4L5	3/4" x 20' (7/8" OD)	500' BDL	1.38/ft
PX5L-S		PXB5L-S	1" x 10' (1 1/8" OD)	100' BDL	2.40/ft
PX5L1	PXR5L1	PXB5L1	1" x 20' (1 1/8" OD)	100' BDL	2.40/ft
PX6L1			1 1/4" x 20'	100' BDL	5.10/ft
CANPEX™ UV PLUS TUBING - MANAPAC REELS					
	PXM2R5	PXM2B5	3/8" (1/2" OD)	500'	351.00/reel
	PXM3R3	PXM3B3	1/2" (5/8" OD)	300'	293.37/reel
	PXM4R1	PXM4R1	3/4" (7/8" OD)	100'	248.29/reel



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CANPEX™ OXY Oxygen Barrier Radiant PEX



PEX OXY Tubing

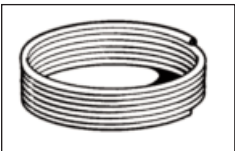
CANPEX™ OXY Oxygen Barrier Tubing Features:

- For use in both residential and commercial hydronic radiant heating systems.
- Extruded with an oxygen barrier layer to prevent system component corrosion.
- Manufactured and tested to the requirements of ASTM F876/F877/F2023 and to CSA B137.5.
- 100 PSI@180° F, 160 PSI@73° F SDR-9 CTS-OD Coils
- DIN 4726 Standard
- Third Party Certified
- CAN/ELC S101/UL 263, CAN/ULC S102.2-3/E84



• **STANDARD AGI DISCOUNTS DO NOT APPLY.**
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CB PRODUCT CODE #6.
Radiant CANPEX OXY Tubing



Part Number	Color	Nominal		Description	Coil	
		Size			Length	List Price
CANPEX™ OXY Oxygen Barrier Red PEX TUBING - COILS						
PXOB3C1	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	100'	\$ 0.87/ft
PXOB3C2.5	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	250'	0.87/ft
PXOB3C3	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	300'	0.87/ft
PXOB3C5	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	500'	0.87/ft
PXOB3C6	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	600'	0.87/ft
PXOB3C10	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	1000'	0.87/ft
PXOB3C12	Red	1/2"		CANPEX™ OXY Tubing (5/8" OD)	1200'	0.87/ft
PXOB58C1	Red	5/8"		CANPEX™ OXY Tubing (3/4" OD)	100'	1.46/ft
PXOB58C3	Red	5/8"		CANPEX™ OXY Tubing (3/4" OD)	300'	1.46/ft
PXOB58C4	Red	5/8"		CANPEX™ OXY Tubing (3/4" OD)	400'	1.46/ft
PXOB58C5	Red	5/8"		CANPEX™ OXY Tubing (3/4" OD)	500'	1.46/ft
PXOB58C10	Red	5/8"		CANPEX™ OXY Tubing (3/4" OD)	1000'	1.46/ft
PXOB4C1	Red	3/4"		CANPEX™ OXY Tubing (7/8" OD)	100'	1.74/ft
PXOB4C2.5	Red	3/4"		CANPEX™ OXY Tubing (7/8" OD)	250'	1.74/ft
PXOB4C3	Red	3/4"		CANPEX™ OXY Tubing (7/8" OD)	300'	1.74/ft
PXOB4C5	Red	3/4"		CANPEX™ OXY Tubing (7/8" OD)	500'	1.74/ft
PXOB4C10	Red	3/4"		CANPEX™ OXY Tubing (7/8" OD)	1000'	1.74/ft
PXOB5C1	Red	1"		CANPEX™ OXY Tubing (1 1/8" OD)	100'	3.42/ft
PXOB5C2.5	Red	1"		CANPEX™ OXY Tubing (1 1/8" OD)	250'	3.42/ft
PXOB5C3	Red	1"		CANPEX™ OXY Tubing (1 1/8" OD)	300'	3.42/ft
PXOB5C5	Red	1"		CANPEX™ OXY Tubing (1 1/8" OD)	500'	3.42/ft
PXOB5C10	Red	1"		CANPEX™ OXY Tubing (1 1/8" OD)	1000'	3.42/ft
CANPEX™ OXY Oxygen Barrier Red PEX TUBING - BUNDLED 20' STRAIGHT LENGTHS						
PXOB3L5	Red	1/2"x20'		CANPEX™ OXY Tubing	500' BDL	0.87/ft
PXOB4L2	Red	3/4"x20'		CANPEX™ OXY Tubing	200' BDL	1.74/ft
PXOB5L1	Red	1"x20'		CANPEX™ OXY Tubing	100' BDL	3.42/ft





VIPERT™ Potable Tubing



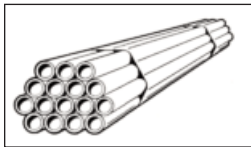
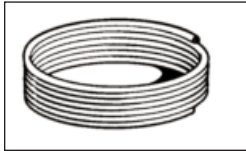
VIPERT™ Potable Tubing Features:

- VIPERT polyethylene raised temperature tubing is based on patented technology and made with Hypertherm PE-RT resins from The Dow Chemical Company.
- VIPERT provides increased flexibility and excellent hydrostatic strength at high temperatures and burst pressures that surpass required industry standards.
- Offers improved flexibility with relaxed memory for less spring back than PEX. Maintains excellent flexibility in extreme cold or hot environments.
- CTS compatible with crimp fittings, F2080 cold expansion, push fittings or heat fusion systems.
- VIPERT is recyclable and requires less energy to produce than PEX.
- 25 year warranty.
- 100 PSI@180 °F, 200 PSI@73 °F SDR-9
- CSA B137.18
- ASTM D2769, ASTM E84
- CAN/ULC S101/UL263, CAN/ULC S102.2-03



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CB PRODUCT CODE #1.
Potable Tubing



Part Number	WHITE	RED	BLUE	Nominal Size	Coil Length	List Price
VIPERT™ POTABLE TUBING - COILS						
PRT3C1	PRTR3C1	PRTB3C1		1/2"	100'	0.76/ft
		PRTR3C2.5	PRTB3C2.5	1/2"	250'	0.76/ft
PRT3C3	PRTR3C3	PRTB3C3		1/2"	300'	0.76/ft
PRT3C5	PRTR3C5	PRTB3C5		1/2"	500'	0.76/ft
PRT3C10	PRTR3C10	PRTB3C10		1/2"	1000'	0.76/ft
VIPERT™ POTABLE TUBING - BUNDLED STRAIGHT LENGTHS of 10' or 20'						
PRT3L-S	PRTR3L-S	PRTB3L-S		1/2" X 10'	500' BDL	0.76/ft
PRT3L10	PRTR3L10	PRTB3L10		1/2" X 20'	1000' BDL	0.76/ft
PRT4L-S	PRTR4L-S	PRTB4L-S		3/4" X 10'	250' BDL	1.38/ft
PRT4L5	PRTR4L5	PRTB4L5		3/4" X 20'	500' BDL	1.38/ft
PRT5L-S		PRTB5L-S		1" X 10'	100' BDL	2.40/ft
PRT5L1	PRTR5L1	PRTB5L1		1" X 20'	100' BDL	2.40/ft
PRT6L1				1 1/4" X 20'	100' BDL	5.10/ft



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VIPERT™ Oxy Barrier Radiant Tubing



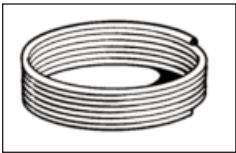
VIPERT™ Oxy Barrier Radiant Tubing Features:

- VIPERT Radiant tubing is polyethylene raised temperature with oxy-barrier. Made with Dowlex PE-RT resins based on patented technology from The Dow Chemical Company.
- It is Ideal for hydronic radiant heating, cooling and snow melting systems utilizing water or a water/glycol mix as the heat or cold transfer medium.
- Offers improved flexibility with relaxed memory for less spring back than PEX. Maintains excellent flexibility in extreme cold or hot environments.
- CTS compatible with crimp fittings, F2080 cold expansion, push fittings or heat fusion systems.
- VIPERT is recyclable and requires less energy to produce than PEX.
- 25 year warranty.
- 100 PSI@180 °F, 160 PSI@73 °F SDR-9 CTS-OD Coils.
- Meets the requirements of ASTM F2623, ASTM E84.
- CAN/ULC-S101, UL 263, CAN/ULC S102.2.



- **STANDARD AGI DISCOUNTS DO NOT APPLY.**
Contact your sales representative for pricing.

CB PRODUCT CODE #6.
Radiant Tubing



Part Number	Color	Nominal Size	Description	Coil Length	List Price
VIPERT™ Oxygen Barrier TUBING - COILS					
PRTOB3C1	Green	1/2"	VIPERT Oxy Barrier Radiant	100'	0.87/ft
PRTOB3C2.5	Green	1/2"	VIPERT Oxy Barrier Radiant	250'	0.87/ft
PRTOB3C3	Green	1/2"	VIPERT Oxy Barrier Radiant	300'	0.87/ft
PRTOB3C5	Green	1/2"	VIPERT Oxy Barrier Radiant	500'	0.87/ft
PRTOB3C6	Green	1/2"	VIPERT Oxy Barrier Radiant	600'	0.87/ft
PRTOB3C10	Green	1/2"	VIPERT Oxy Barrier Radiant	1000'	0.87/ft
PRTOB3C12	Green	1/2"	VIPERT Oxy Barrier Radiant	1200'	0.87/ft
VIPERT™ Oxygen Barrier TUBING - BUNDLED 20' STRAIGHT LENGTHS					
PRTOB3L5	Green	1/2"x20'	VIPERT Oxy Barrier Radiant	500' BDL	0.87/ft
PRTOB4L2	Green	3/4"x20'	VIPERT Oxy Barrier Radiant	200' BDL	1.74/ft
PRTOB5L1	Green	1"x20'	VIPERT Oxy Barrier Radiant	100' BDL	3.42/ft





PEX Tubing Installation Accessories

PEX Accessories:

- Approved for use with ASTM F876/F877 SDR-9 PEX plumbing and hydronic radiant heating systems incorporating ASTM F-1807 insert fittings.
- Copper crimp rings manufactured from UNS C10200 or UNS C12200 copper alloy and are annealed to 35-45 Rockwell 15T scale for ease of crimping.



- **STANDARD AGI DISCOUNTS DO NOT APPLY.**
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CB PRODUCT CODE #7.
Crimp Rings



Crimp Rings

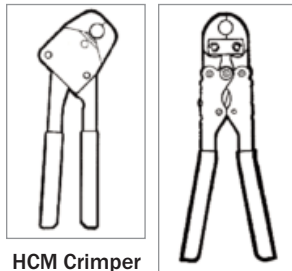


Crimp Sleeves

Part Number	Size Description	Bag/Ctn Qty	List Price
COPPER CRIMP RINGS			
CBXCR2	Copper Crimp Ring for 3/8" PEX Tubing	100/2000	\$ 0.29
CBXCR3	Copper Crimp Ring for 1/2" PEX Tubing	100/4000	0.47
CBXCR58-B	Copper Crimp Ring Black for 5/8" PEX Tubing	100	0.80
CBXCR4	Copper Crimp Ring for 3/4" PEX Tubing	100/2000	0.65
CBXCR5	Copper Crimp Ring for 1" PEX Tubing	50/250	0.78
CBXCR6	Copper Crimp Ring for 1 1/4" PEX Tubing	100/400	1.48
CBXSS3	Stainless Steel Crimp Sleeve 1/2" PEX	50/5000	0.56
CBXSS4	Stainless Steel Crimp Sleeve 3/4" PEX	50/3200	0.79
CBXSS5	Stainless Steel Crimp Sleeve 1" PEX	25/1600	1.20

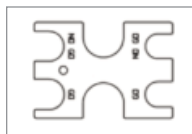
- **STANDARD AGI DISCOUNTS DO NOT APPLY.**
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CB PRODUCT CODE #3.
Tools

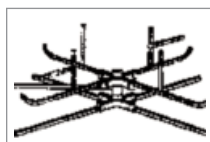


HCM Crimper

HAD Crimper



HAC34 Caliper



Uncoiler

Part Number	Size Description	Bag/Ctn Qty	List Price
CRIMP TOOLS			
HCM2	3/8" SINGLE HAND CRIMPER	1	239.40
HCM3	1/2" SINGLE HAND CRIMPER	1	239.40
HCM4	3/4" SINGLE HAND CRIMPER	1	239.40
HCM5	1" SINGLE HAND CRIMPER	1	285.60
HAD2	3/8" CRIMP TOOL PEX	1	190.00
HAD3	1/2" CRIMP TOOL PEX	1	190.00
HAD4	3/4" CRIMP TOOL PEX	1	215.00
HAD5	1" CRIMP TOOL PEX	1	387.00
HAD34	1/2 X 3/4" CRIMP TOOL PEX	1	300.00
HADSS3	1/2" STAINLESS STEEL RATCHET CRIMPER	1	195.00
HADSS4	3/4" STAINLESS STEEL RATCHET CRIMPER	1	195.00
HADSS5	1" STAINLESS STEEL RATCHET CRIMPER	1	195.00
PEX CRIMP RING GAUGE			
HAC34	3/8, 1/2 and 3/4 GO-NO GO RING GAUGE	1	11.11
HAC5	1" CRIMP RING GAUGE	1	11.11
UNCOILER			
TATK200	Tubing Uncoiler	1	565.00



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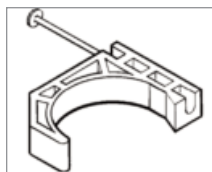
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PEX Tubing Installation Accessories

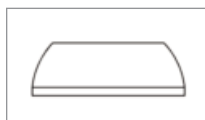


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CB PRODUCT CODE #3.
PAL Accessories, Clamps, Tubes



Tube Clamps



Cone Seals



Escutcheons



Risers

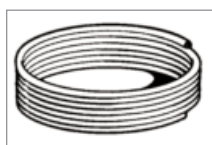


PTO Bend Support

Part Number	Size Description	Bag/Ctn Qty	List Price
TUBE CLAMPS			
CLJ2	3/8" J-Clamp with Nail	100/500	\$ 0.10
CLJ3	1/2" J-Clamp with Nail	100/500	0.10
CLJ4	3/4" J-Clamp with Nail	100/500	0.12
CLJ5	1" J-Clamp with Nail	50/250	0.19
CONE SEALS			
RXTC2	1/2 ID CLOSET CONE	100/1000	0.29
RXTL2	1/2 ID LAV CONE	100/1000	0.14
RXTL3	3/4 ID LAV CONE	100/1000	0.29
PLASTIC ESCUTCHEONS			
RXEW2	WHITE ESCUTCHEON, 3/8 TUBE	50/500	0.43
RXEW2D	WHITE DBL ESCUTCHEON, 3/8	25/250	0.60
RXEW3	WHITE ESCUTCHEON, 1/2 TUBE	50/500	0.43
RXEW3D	WHITE DBL ESCUTCHEON, 1/2	25/250	0.60
RISERS			
RLX112	3/8" x 12" LAV Riser w/ compression ferrule	100	1.04
RLX115	3/8" x 15" LAV Riser w/ compression ferrule	100	1.25
RLX120	3/8" x 20" LAV Riser w/ compression ferrule	100	1.37
RLX130	3/8" x 30" LAV Riser w/ compression ferrule	100	1.93
RLX136	3/8" x 36" LAV Riser w/ compression ferrule	100	2.23
RKX112	3/8" x 12" CLOSET Riser w/ compression ferrule	100	1.04
RKX115	3/8" x 15" CLOSET Riser w/ compression ferrule	100	1.25
RKX120	3/8" x 20" CLOSET Riser w/ compression ferrule	100	1.37
RXF1	FERRULE FOR 3/8 OD RISER"	100	0.11
RX9S2	INSERT STIFFENER FOR 3/8 TUBE"	10	0.35
BEND SUPPORT			
PT03	1/2" Bend Support	50	2.94
PT04	3/4" Bend Support	50	4.07

- STANDARD AGI DISCOUNTS DO NOT APPLY.
Contact your sales representative for pricing.

CB PRODUCT CODE #1.
Potable CANPEX PEX Tubing



Ice Maker Tubing

Part Number	Size Description	Bag/Ctn Qty	List Price
ICE MAKER TUBING 200 psi, CTS-OD SDR-11			
TBOC1	1/8" Nominal (1/4" OD) Natural PE	100'	41.00



Pex & Radiant Tubing Cutters



• STANDARD AGI DISCOUNTS DO APPLY to items on this page.



T Series Cutter

Part Number	Color	Blade Material	Cuts	Ctn Qty	List Price
HARVARD CONTRACTOR Pipe & Hose Cutters					
T100	Black	PTFE Coated Hardened Steel	PE, Rubber hose & PVC (Class & Sch 40) through 1"	50	\$ 21.53
YT100	Yellow	PTFE Coated Hardened Steel	PE, Rubber hose & PVC (Class & Sch 40) through 1"	50	21.53
T100SS	Black	Stainless Steel	PE, Rubber hose & PVC (Class & Sch 40) through 1"	50	22.48
YT100SS	Yellow	Stainless Steel	PE, Rubber hose & PVC (Class & Sch 40) through 1"	50	22.48
T135	Black	PTFE Coated Hardened Steel	PE, Rubber hose through 1 1/2" Class PVC through 1 1/4"	50	24.15
YT135	Yellow	PTFE Coated Hardened Steel	PE, Rubber hose through 1 1/2" Class PVC through 1 1/4"	50	24.15
T135SS	Black	Stainless Steel	PE, Rubber hose through 1 1/2" Class PVC through 1 1/4"	50	25.10
YT135SS	Yellow	Stainless Steel	PE, Rubber hose through 1 1/2" Class PVC through 1 1/4"	50	25.10
HARVARD CONTRACTOR Replacement Blades (includes one knock out pin) DP is DOUBLE PACK					
BT100	PTFE Coated Hardened Steel Blade		T100, YT100	100	8.20
BT100SS	Stainless Steel Blade		T100SS, YT100SS	100	9.16
BT135	PTFE Coated Hardened Steel Blade		T135, YT135	100	8.98
BT135DP	PTFE Coated Hardened Steel Blades (2)		T135, YT135	100	17.42
BT135SS	Stainless Steel Blade		T135SS, YT135SS	100	9.91
BT135DPSS	Stainless Steel Blades (2)		T135SS, YT135SS	100	19.29





PEX & Radiant Tubing Installation Valves

* STANDARD AGI DISCOUNTS APPLY to items on this page only.



HFBV4-PEXNL Series

MATERIAL SPECIFICATIONS

Handle Nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Stem O-ring (2)	NBR
Ball	Chrome Plated NL Brass
Seats	PTFE
Body	NL Forged Brass
End Adapter	NL Forged Brass

NO LEAD Forged Brass FULL Port Ball Valve with PEX Connections Features:

- Heavy pattern, full port, forged NO LEAD brass construction.
- PTFE seats, chrome plated NO LEAD brass ball.
- NBR double o-ring stem seal.
- Blow-out proof stem design.
- **400 PSI** W.O.G. non-shock; **125 PSI** S.W.P.
- PEX ends for use with PEX tubing connections.
- **Third party certified to NSF/ANSI 372.**



Part Number	Size	Ctn/Case Qty	List Price*
HFBV4-50PEXNL	1/2"	25/100	\$ 6.39
HFBV4-75PEXNL	3/4"	10/60	10.54
HFBV4-100PEXNL	1"	10/40	15.89



HFBV4-PEXSWNL Series

MATERIAL SPECIFICATIONS

Handle Nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Stem O-ring (2)	NBR
Ball	NL Brass
Seats	PTFE
Body	NL Forged Brass
End Adapter	NL Forged Brass

NO LEAD Forged Brass STANDARD Port Ball Valve with PEX x SWEAT Connections Features:

- Heavy pattern, standard port, forged NO LEAD brass construction.
- PTFE seats, chrome plated NO LEAD brass ball.
- NBR double o-ring stem seal.
- Blow-out proof stem design.
- **400 PSI** W.O.G. non-shock; **125 PSI** S.W.P.
- PEX x SWEAT ends for use with PEX tubing to copper tubing connections.
- **Third party certified to NSF/ANSI 372.**



Part Number	Size	Ctn/Case Qty	List Price*
HFBV4-50PEXSWNL	1/2"	25/100	\$ 9.27
HFBV4-75PEXSWNL	3/4"	10/60	12.45

PEX & Radiant Tubing Installation Valves



- STANDARD AGI DISCOUNTS DO NOT APPLY.
Contact your sales representative for pricing.



NO LEAD Brass Chrome Plated Ball Valve with PEX Connections Features:

- Chrome Plated No Lead Brass.
- Plastic Oval Handle.
- For use with PEX tubing connections.
- **Third party certified to NSF/ANSI 372.**

CB PRODUCT CODE #2.
PEX NL Brass Insert Valves



Angle Stop Valve



Straight Stop Valves

Part Number	Size Description	Bag Qty	List Price
ANGLE STOP Valve Insert x Compression			
70-20-20-074NL	1/2" PEX x 3/8 Comp Angle Stop Ch Plated NL	25	9.62
70-30-10-072NL	1/2" PEX x 1/4 Comp Angle Stop Ch Plated NL	25	9.33
STRAIGHT STOP Valve Insert x Compression			
70-20-10-074NL	1/2" PEX x 3/8 Comp Straight Stop Ch Plated NL	25	9.33



Radiant Installation Accessories

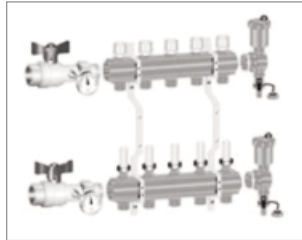


Radiant Manifolds:

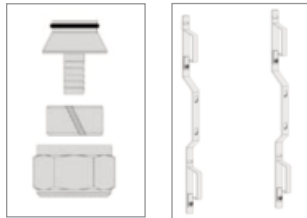
- Pre-Assembled manifold with red and blue butterfly handle isolator ball valves, thermometers, automatic airvents, fill port, flow meters and mounting brackets

- **STANDARD AGI DISCOUNTS DO NOT APPLY.**
Contact your sales representative for pricing.

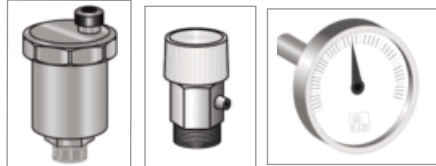
CB PRODUCT CODE #8.
Hydronic Heating Manifolds & Accessories



Manifold



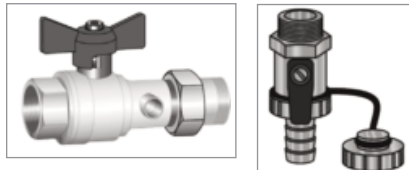
Compression x Manifold Ftg 271



419

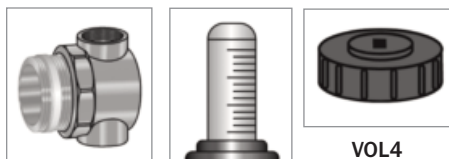
418T

448B



422 Valves

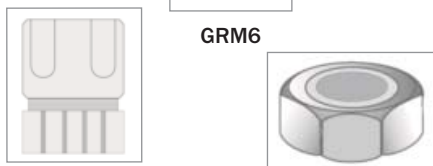
476A



229

GRM6

VOL4



399

227

Part Number	Size Description	Ctn	List Price
PRE-ASSEMBLED RADIANT MANIFOLDS			
VGMC342S	2 Loop Vanguard 1" Manifold W/Flo Meter	1	\$ 239.50
VGMC343S	3 Loop Vanguard 1" Manifold W/Flo Meter	1	337.50
VGMC344S	4 Loop Vanguard 1" Manifold W/Flo Meter	1	389.75
VGMC345S	5 Loop Vanguard 1" Manifold W/Flo Meter	1	454.01
VGMC346S	6 Loop Vanguard 1" Manifold W/Flo Meter	1	496.00
VGMC347S	7 Loop Vanguard 1" Manifold W/Flo Meter	1	572.00
VGMC348S	8 Loop Vanguard 1" Manifold W/Flo Meter	1	622.00
VGMC349S	9 Loop Vanguard 1" Manifold W/Flo Meter	1	697.56
VGMC350S	10 Loop Vanguard 1" Manifold W/Flo Meter	1	757.96
VGMC346S.25	6 Loop Vanguard 1 1/4" Manifold W/Flo Meter	1	623.43
VGMC347S.25	7 Loop Vanguard 1 1/4" Manifold W/Flo Meter	1	688.11
VGMC348S.25	8 Loop Vanguard 1 1/4" Manifold W/Flo Meter	1	760.39
VGMC349S.25	9 Loop Vanguard 1 1/4" Manifold W/Flo Meter	1	821.10
VGMC350S.25	10 Loop Vanguard 1 1/4" Manifold W/Flo Meter	1	892.71
COMPRESSION X MANIFOLD FITTINGS			
R2038CP	3/8" COMPRESSION X MANIFOLD FTG	25	6.75
R2012CP	1/2" COMPRESSION X MANIFOLD FTG	25	6.75
R2058CP	5/8" COMPRESSION X MANIFOLD FTG	10	8.50
R2034CP	3/4" COMPRESSION X MANIFOLD FTG	10	9.80
RADIANT HEATING MANIFOLD COMPONENTS			
271	Manifold Bracket (Set of 2)	1	14.00
419	Manifold Automatic Air Flow Vent	1	10.17
418T	Manual Air Flow Vent	1	2.17
448B	Manifold Thermometer Temperature Indicator	1	17.50
422R	Manifold Isolater Valve (Red Handle)	1	48.90
422B	Manifold Isolater Valve (Blue Handle)	1	48.90
229	Manifold Fill Port Adapter	1	7.40
476A	Manifold Fill Port	1	11.10
GRM6	Manifold Flow Meter, 0-6 GPM	1	14.70
VOL4	Red Handle for Flow Meter	1	1.27
399	Manifold Return Valve Cap	1	3.57
227	3/4" Manifold Circuit Cap	1	2.40



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Radiant Installation Accessories

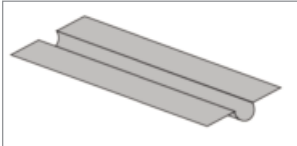


Radiant Accessories



- STANDARD AGI DISCOUNTS DO NOT APPLY.
Contact your sales representative for pricing.

CB PRODUCT CODE #8.
Hydronic Heating Manifolds & Accessories



HRTP



Circuit Actuator



Digital Thermostat



In-Slab Repair Kit



Slip-on Slab Elbow



Staples



Part Number	Size Description	Ctn	List Price
Heat Transfer Plates			
HRTP3	Aluminum Heat Transfer Plates 19" x 5"	25	\$ 2.45
CIRCUIT ACTUATORS			
AM24V	24V Actuating Valve 2 Wire	1	99.36
AM24V4	24V Actuating Valve 4 Wire	1	107.99
Digital Thermostat			
TH115-A-24T	Programmable Ambient Thermostat	1	129.06
TH115-AF-024T	Programmable Ambient Floor Thermostat	1	182.22
TH114-A-024V	Non-Programmable Ambient Thermostat	1	109.06
TH114AF024T	Non-Programmable Ambient Floor Thermostat	1	160.74
In Slab Repair Kit			
CBXRK33HR	In-slab repair kit 1/2"	1	1.75
CBXRK58HR	In-Slab repair kit 5/8"	1	2.15
CBXRK44HR	In-slab repair kit 3/4"	1	2.15
Slip-on Elbow for Slab			
HRSL3	1/2" PEX Plastic Slip On Elbow for Slab	1	2.10
HRSL4	3/4" PEX Plastic Slip On Elbow for Slab	1	2.25
Foam Staples			
STAP1	1 1/2" Staple 300/box	1	73.30
STAP2	2 1/2" Staple 300/box	1	94.55



NO LEAD Brass PEX Insert Fittings

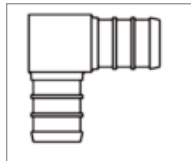
NO LEAD Brass PEX Insert Fitting Features:

- Approved for use with ASTM F876/F877 SDR-9 PEX tubing/PEX distribution systems.
- No Lead Brass PEX fittings are manufactured and certified to ASTM F1807 requirements.
- Certified lead free to NSF/ANSI 372.

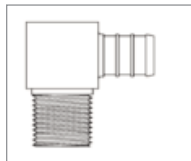


• **STANDARD AGI DISCOUNTS DO NOT APPLY.**
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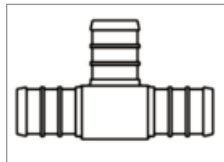
CB PRODUCT CODE #2.
PEX NL Brass Insert Fittings



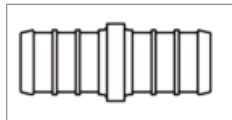
NLCBXE Elbow



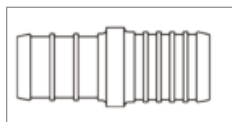
NLCBXME Male Elbow



NLCBXT Tee



NLCBXC Coupling



NLCBXC Transition Coupling

Part Number	Size Description	Bag Qty	List Price
ELBOWS			
	Ins x Ins		
NLCBXE22	3/8 PEX 90 Elbow - NL	50	\$ 2.39
NLCBXE33	1/2 PEX 90 Elbow - NL	50	2.37
NLCBXE43	3/4 x 1/2 PEX 90 Elbow -NL	25	2.80
NLCBXE44	3/4 PEX 90 Elbow - NL	25	3.34
NLCBXE55	1 PEX 90 Elbow - NL	10	5.46
NLCBXE66	1 1/4 PEX 90 Elbow - NL	10	15.29
	Ins x MIP		
NLCBXME32	1/2 PEX x 3/8 MPT 90 Elbow - NL	50	4.44
NLCBXME33	1/2 PEX x 1/2 MPT 90 Elbow - NL	50	5.63
NLCBXME44	3/4 PEX x 3/4 MPT 90 Elbow - NL	25	9.84
NLCBXME55	1 PEX x 1 MPT 90 Elbow - NL	25	14.51
NLCBXME66	1 1/4 PEX x 1 1/4 MPT 90 Elbow - NL	10	32.67
TEES			
	Ins x Ins x Ins		
NLCBXT222	3/8 PEX Tee - NL	25	2.96
NLCBXT333	1/2 PEX Tee - NL	50	2.54
NLCBXT334	1/2 x 1/2 x 3/4 PEX Tee - NL	25	5.32
NLCBXT433	3/4 x 1/2 x 1/2 PEX Tee - NL	25	4.58
NLCBXT434	3/4 x 1/2 x 3/4 PEX Tee - NL	25	4.41
NLCBXT443	3/4 x 3/4 x 1/2 PEX Tee - NL	25	3.64
NLCBXT444	3/4 PEX Tee - NL	25	4.27
NLCBXT445	3/4 x 3/4 x 1 PEX Tee - NL	10	6.54
NLCBXT534	1 x 1/2 x 3/4 PEX Tee - NL	10	6.72
NLCBXT543	1 x 3/4 x 1/2 PEX Tee - NL	10	6.72
NLCBXT544	1 x 3/4 x 3/4 PEX Tee - NL	10	8.65
NLCBXT545	1 x 3/4 x 1 PEX Tee - NL	10	8.44
NLCBXT553	1 x 1 x 1/2 PEX Tee - NL	10	6.33
NLCBXT554	1 x 1 x 3/4 PEX Tee - NL	10	8.86
NLCBXT555	1 PEX Tee - NL	25	8.37
NLCBXT666	1 1/4 PEX Tee - NL	10	15.92
COUPLINGS			
	Ins x Ins		
NLCBXC22	3/8 PEX Coupling - NL	100	1.26
NLCBXC32	1/2 x 3/8 PEX Coupling - NL	50	1.51
NLCBXC33	1/2 PEX Coupling - NL	100	1.31
NLCBXC43	3/4 x 1/2 PEX Coupling - NL	50	2.24
NLCBXC44	3/4 PEX Coupling - NL	50	2.43
NLCBXC54	1 x 3/4 PEX Coupling - NL	25	4.01
NLCBXC55	1 PEX Coupling - NL	25	4.44
NLCBXC66	1 1/4 PEX Coupling - NL	10	9.50
TRANSITION COUPLINGS Ins PEX x Ins Polybutylene - includes crimp rings			
NLCBXC22	3/8 PEX x 3/8 PB Transition Coupling - NL	100	2.71
NLCBXC33	1/2 PEX x 1/2 PB Transition Coupling - NL	100	2.90
NLCBXC44	3/4 PEX x 3/4 PB Transition Coupling - NL	25	4.50
NLCBXC55	1 PEX x 1 PB Transition Coupling - NL	10	6.65



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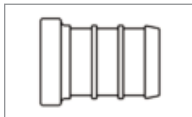
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NO LEAD Brass PEX Insert Fittings

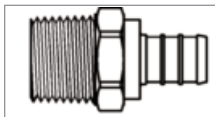


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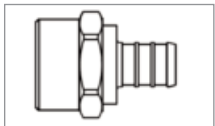
CB PRODUCT CODE #2.
PEX NL Brass Insert Fittings



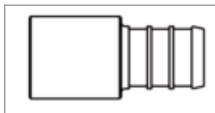
NLCBP Plug



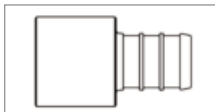
NLCBXM Male Adapter



NLCBXFC Female Adapter



NLCBXC Male Sweat Adapter



NLCBXC Female Sweat Adapter

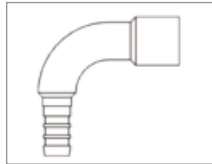
Part Number	Size Description	Bag Qty	List Price
PLUGS			
NLCBXP2B	3/8 PEX Plug - NL	100	0.87
NLCBXP3B	1/2 PEX Plug - NL	100	0.98
NLCBXP4B	3/4 PEX Plug - NL	50	1.89
NLCBXP5B	1 PEX Plug - NL	50	2.95
NLCBXP6B	1 1/4 PEX Plug NL	10	8.86
MALE ADAPTERS Ins x MPT			
NLCBXM23	3/8 PEX x 1/2 MPT Adapter - NL	25	\$ 3.74
NLCBXM33	1/2 PEX x 1/2 MPT Adapter - NL	50	3.19
NLCBXM34	1/2 PEX x 3/4 MPT Adapter - NL	25	4.88
NLCBXM43	3/4 PEX x 1/2 MPT Adapter - NL	25	3.48
NLCBXM44	3/4 PEX x 3/4 MPT Adapter - NL	25	4.98
NLCBXM45	3/4 PEX x 1 MPT Adapter - NL	10	9.28
NLCBXM54	1 PEX x 3/4 MPT Adapter - NL	10	6.19
NLCBXM55	1 PEX x 1 MPT Adapter - NL	10	9.58
NLCBXM66	1 1/4 PEX x 1 1/4 MPT Adapter NL	10	22.21
FEMALE ADAPTERS Ins x FPT			
NLCBXFC23	3/8 PEX x 1/2 FPT Adapter - NL	25	4.77
NLCBXFC33	1/2 PEX x 1/2 FPT Adapter - NL	25	3.90
NLCBXFC43	3/4 PEX x 1/2 FPT Adapter - NL	25	5.79
NLCBXFC34	1/2 PEX x 3/4 FPT Adapter - NL	25	6.09
NLCBXFC44	3/4 PEX x 3/4 FPT Adapter - NL	25	5.42
NLCBXFC45	3/4 PEX x 1 FPT Adapter - NL	25	10.66
NLCBXFC54	1 PEX x 3/4 FPT Adapter - NL	25	6.13
NLCBXFC55	1 PEX x 1 FPT Adapter - NL	50	11.19
NLCBXFC66	1 1/4 PEX x 1 1/4 FPT Adapter - NL	10	25.43
MALE SWEAT ADAPTERS Ins x Male Sweat			
NLCBXC23M	3/8 PEX x 1/2 Male Sweat Adapter - NL	50	1.79
NLCBXC33M	1/2 PEX x 1/2 Male Sweat Adapter - NL	50	1.65
NLCBXC34M	1/2 PEX x 3/4 Male Sweat Adapter - NL	25	3.45
NLCBXC44M	3/4 PEX x 3/4 Male Sweat Adapter - NL	25	3.17
NLCBXC55M	1 PEX x 1 Male Sweat Adapter - NL	25	5.78
NLCBXC66M	1 1/4 PEX x 1 Male Sweat Adapter NL	10	12.77
FEMALE SWEAT ADAPTER Ins x Female Sweat			
NLCBXC23F	3/8 PEX x 1/2 Female Sweat Adapter - NL	50	1.97
NLCBXC33F	1/2 PEX x 1/2 Female Sweat Adapter - NL	50	1.81
NLCBXC44F	3/4 PEX x 3/4 Female Sweat Adapter - NL	25	3.25
NLCBXC55F	1 PEX x 1 Female Sweat Adapter - NL	10	5.93
NLCBXC66F	1 1/4 PEX x 1 1/4 Female Sweat Adapter NL	10	11.43



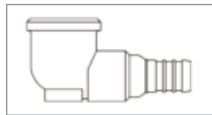
NO LEAD Brass PEX Insert Fittings

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CB PRODUCT CODE #2.
PEX NL Brass Insert Fittings



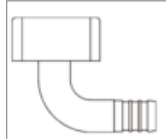
NLCBXE Sweat Elbows



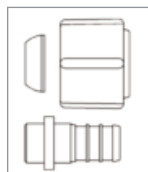
NLCBXDE Drop Ear Elbows



CBXE Stubout Elbows



NLCBXSE Swivel Elbows



NLCBXSA Transition Ftg

Part Number	Size Description	Bag Qty	List Price
MALE SWEAT ELBOWS Ins x Male Sweat			
NLCBXE33MC	1/2 PEX x 1/2 Male Sweat Elbow - NL	25	3.44
NLCBXE44MC	3/4 PEX x 3/4 Male Sweat Elbow - NL	10	6.87
FEMALE SWEAT ELBOWS Ins x Female Sweat			
NLCBXE33FC	1/2 PEX x 1/2 Female Sweat Elbow - NL	10	3.89
NLCBXE44FC	3/4 PEX x 3/4 Female Sweat Elbow - NL	10	6.67
NLCBXE55FC	1 PEX x 1 Female Sweat Elbow - NL	25	12.73
DROP EAR ELBOWS Ins x FPT			
NLCBXDE33C	1/2 PEX x 1/2 FPT Drop Ear Elbow - NL	10	8.18
NLCBXDE43C	3/4 PEX x 1/2 FPT Drop Ear Elbow - NL	25	12.89
NLCBXDE44C	3/4 PEX x 3/4 FPT Drop Ear Elbow - NL	10	13.10
STUB OUT ELBOWS Ins x Closed			
CBXE33SO	4" x 6" Ins x 1/2 Closed End Copper	50	7.20
CBXE33SO8	4" x 8" Ins x 1/2 Closed End Copper	50	6.72
CBXE33SOE	4" x 6" Ins x 1/2 Closed End w/ Ear Copper	25	10.55
CBXE33SOE8	4" x 8" Ins x 1/2 Closed End w/ Ear Copper	25	11.74
SWIVEL ELBOWS Ins x FPT			
NLCBXSE23C	3/8 PEX x 1/2 FPT Swivel Elbow-NL	50	3.40
NLCBXSE33C	1/2 PEX x 1/2 FPT Swivel Elbow-NL (plastic nut)	50	3.36
NLCBXSE44C	3/4 PEX x 3/4 FPT Swivel Elbow-NL (plastic nut)	25	7.41
TRANSITION SWIVEL ADAPTER Ins x Female Swivel			
NLCBXSA23	3/8 PEX x 1/2 FPT Thrd Swivel Adapter NL (pl nut)	25	2.09
NLCBXSA33	1/2 PEX x 1/2 FPT Thrd Swivel Adapter NL(pl nut)	25	2.04
NLCBXSA34	1/2 PEX x 3/4 FPT Thrd Swivel Adapter NL (pl nut)	10	3.72
NLCBXSA44	3/4 PEX x 3/4 FPT Thrd Swivel Adapter NL (pl nut)	10	3.97
NLCBXSA33B	1/2 PEX x 1/2 FPT Thrd Swivel Adapter NL (BR nut)	25	5.70
NLCBXSA44B	3/4 PEX x 3/4 FPT Thrd Swivel Adapter NL (BR nut)	10	9.65



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NO LEAD PAL PEX Insert Fittings



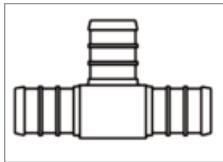
Polyalloy PAL PEX Insert Fitting Features:

- Approved for use with ASTM F876/F877 SDR-9 PEX tubing/PEX distribution systems.
- PAL fittings are marked with ASTM F877 and/or F2159 and NSF PW.
- Certified lead free to NSF/ANSI 372.

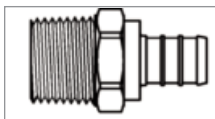


• **STANDARD AGI DISCOUNTS DO NOT APPLY.**
Contact your sales representative for pricing.

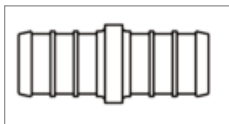
CB PRODUCT CODE #3.
PAL Insert Fittings



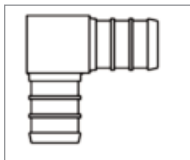
XPT Tee



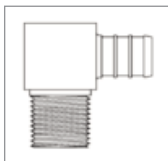
XPMC Male Adapter



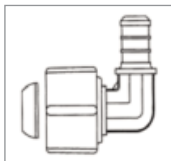
XPC Coupling



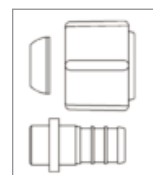
XPE Elbow



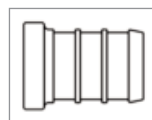
XPME Male Elbow



XPME Swivel Elbow



XPSA Transition Swivel Adapter



CBXP Plug

Part Number	Size Description	Bag/Box Qty	List Price
TEES			
	Ins x Ins x Ins		
XPT333	1/2 PAL TEE	50/500	\$ 0.90
XPT334	1/2 X 1/2 X 3/4 PAL TEE	25/675	1.28
XPT433	3/4 X 1/2 X 1/2 PAL TEE	25/600	1.28
XPT434	3/4 X 1/2 X 3/4 PAL TEE	25/500	1.28
XPT443	3/4 X 3/4 X 1/2 PAL TEE	25/500	1.14
XPT445	3/4 x 3/4 x 1 PAL TEE	25/500	2.85
XPT444	3/4 PAL TEE	25/250	1.28
XPT544	1 X 3/4 x 3/4 PAL TEE	25/325	2.85
XPT545	1 x 3/4 x 1 PAL TEE	25/250	2.85
XPT553	1 X 1 X 1/2 PAL TEE	25/300	2.85
XPT554	1 x 1 x 3/4 PAL TEE	25/300	2.85
XPT555	1 PAL TEE	25/200	3.55
MALE ADAPTERS			
	Ins x MPT		
XPMC33	1/2 PAL MPT ADAPTER	25/1000	1.16
XPMC34	1/2 X 3/4 PAL MPT ADAPTER	25/200	1.55
XPMC44	3/4 PAL MPT ADAPTER	25/600	1.55
XPMC43	3/4 X 1/2 PAL MPT ADAPTER	25/600	1.55
XPMC55	1 x 1 PAL MPT ADAPTER	25/300	2.97
COUPLINGS			
	Ins x Ins		
XPC32	1/2 x 3/8 PAL COUPLING	25/1500	0.52
XPC33	1/2 PAL COUPLING	100/800	0.52
XPC43	3/4x1/2 PAL COUPLING	25/1250	0.84
XPC44	3/4 PAL COUPLING	50/400	0.76
XPC55	1 PAL COUPLING	50/600	1.69
XPC54	1X3/4 PAL COUPLING	25/700	1.69
ELBOWS			
	Ins x Ins		
XPE33	1/2 PAL ELBOW	50/500	0.71
XPE43	3/4X1/2 PAL ELBOW	25/750	1.05
XPE44	3/4 PAL ELBOW	50/400	1.02
XPE55	1 PAL ELBOW	25/350	2.94
MALE THREADED ELBOWS			
	Ins x MPT		
XPME32	1/2 X 3/8 PAL MPT ELBOW	10/200	1.25
XPME33	1/2 PAL MPT ELBOW	10/600	1.10
XPME43	3/4 X 1/2 PAL MPT ELBOW	25/400	1.82
XPME44	3/4 PAL MPT ELBOW	25/500	1.65
SWIVEL ELBOWS			
	Ins x FPT		
XPSE44	3/4 PAL FPT SWIVEL ELBOW	25/100	4.56
TRANSITION SWIVEL ADAPTER			
	Ins x FPT		
XPSA23	3/8 X 1/2 PAL SWIVEL ADAPT	25	1.26
XPSA44	3/4 PAL SWIVEL ADAPT	100/500	2.21
PLUGS			
CBXP2	3/8 PLASTIC INSERT TEST PLUG	100/6000	0.37
CBXP3	1/2 PLASTIC INSERT TEST PLUG	100/3500	0.37
CBXP4	3/4 PLASTIC INSERT TEST PLUG	25/2000	0.47
CBXP5	1 PLASTIC INSERT TEST PLUG	25/1000	0.70



NO LEAD Brass Push Fittings

HARVARD NO LEAD Brass Push Fitting Features:

- Use for above ground potable water, hydronic heating and other plumbing systems.
- No soldering, clamps, unions or glue needed.
- For use with copper, CPVC, PEX and PERT tubing in any combination.
- Integral tube liner (stiffener) for PEX/PERT installation.
- Easy disconnect with special removal tool.
- Lead free, forged brass body construction.
- Full fluid flow without PEX/PERT stiffeners.
- Fittings can be rotated 360° after assembly for easier installation.
- Max working pressure at max working temperature: 200 psi at 200°F water. (Caution: may exceed the max service pressure/temperature of PEX/PERT or CPVC tubing.)
- Not suitable for steam service.
- Tested, certified and listed in accordance with ASSE1061-2006.
- cUPC listed.
- Certified lead free to NSF/ANSI 372.



MATERIAL SPECIFICATIONS

Body	Forged NL Brass
O-ring	EPDM
Gripper Ring	SS304
Push Ring	Acetal
Locking Ring	Acetal
Seat Ring	Acetal
Stiffener	Polysulfone

• **STANDARD AGI DISCOUNTS DO APPLY to items on this page.**



BPCNL



BPRCNL



BPMANL



BPRMANL



BPFANL



BPRFANL



BPENL



BPRENL

Part Number	Description & Size	Ctn Qty	List Price
Couplings			
BPC1/2NL	BRS PUSH CPL NL FITXFIT 1/21/2	50/200	\$5.89
BPC3/4NL	BRS PUSH CPL NL FITXFIT 3/4X3/4	30/120	8.75
BPC1NL	BRS PUSH CPL NL FITXFIT 1X1	15/60	16.25
Reducing Coupling			
BPRC3/4X1/2NL	BRS PUSH CPL NL FITXFIT 3/4X1/2	35/140	7.82
BPRC1X3/4NL	BRS PUSH CPL NL FITXFIT 1X3/4	20/80	15.18
Male Adapters			
BPMA1/2NL	BRS PUSH M/A NL FITXMPT 1/2X1/2	60/240	5.57
BPMA3/4NL	BRS PUSH M/A NL FITXMPT 3/4X3/4	40/160	8.39
BPMA1NL	BRS PUSH M/A NL FITXMPT 1X1	20/80	16.25
Reducing Male Adapter			
BPRMA1/2X3/4NL	BRS PUSH M/A NL FITXMT 1/2X3/4	50/200	8.39
BPRMA3/4X1/2NL	BRS PUSH M/A NL FITXMT 3/4X1/2	40/160	8.39
Female Adapters			
BPFA1/2NL	BRS PUSH F/A NL FITXFPT 1/2X1/2	60/240	5.71
BPFA3/4NL	BRS PUSH F/A NL FITXFPT 3/4X3/4	40/160	8.93
BPFA1NL	BRS PUSH F/A NL FITXFPT 1X1	20/80	14.54
Reducing Female Adapter			
BPRFA1/2X3/4NL	BRS PUSH F/A NL FITXFPT 1/2X3/4	40/160	8.75
BPRFA3/4X1/2NL	BRS PUSH F/A NL FITXFPT 3/4X1/2	40/160	8.75
BPRFA3/4X1NL	BRS PUSH F/A NL FITXFPT 3/4X1	25/100	13.21
BPRFA1X3/4NL	BRS PUSH F/A NL FITXFPT 1X3/4	25/100	13.21
Elbows			
BPE1/2NL	BRS PUSH ELL NL FITXFIT 1/2X1/2	40/160	8.50
BPE3/4NL	BRS PUSH ELL NL FITXFIT 3/4X3/4	20/80	11.89
BPE1NL	BRS PUSH ELL NL FITXFIT 1X1	12/48	25.18
Reducing Elbows			
BPRE3/4X1/2NL	BRS PUSH ELL NL FITXFIT 3/4X1/2	25/100	11.96
BPRE3/4X1NL	BRS PUSH ELL NL FITXFIT 3/4X1	15/60	21.17

CAUTION: FAILURE TO PROPERLY CHAMFER TUBING OD WILL RESULT IN A DAMAGED O-RING AND A LEAK. FAILURE TO PROPERLY CHAMFER THE TUBE VOIDS FITTING WARRANTY.



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FALL 2016

In the United States: Phone (800) 776-2266 Fax (800) 729-3299
 In Canada: Phone (800) 268-7570 Fax (905) 629-3204

6A.17

NO LEAD Brass Push Fittings



• STANDARD AGI DISCOUNTS
DO APPLY to items on this page.



BPFE1/2NL



BPFE3/4NL



BPME1/2NL



BPME3/4NL



BPT1/2NL



BPT3/4NL



BPT1NL



BPRT1/2X1/2X3/4NL



BPRT1/2X1/2X1NL



BPRT1/2X3/4X3/4NL



BPRT3/4X1/2X1/2NL



BPRT3/4X3/4X1/2NL



BPRT1X1X3/4NL



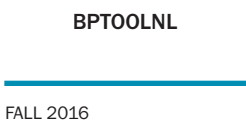
BPFT1/2NL



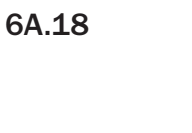
BPFT3/4NL



BPMT1/2NL



BPMT3/4NL



BPDE1/2NL



BPWPE1/2NL



BPECA1/2NL



BPECA3/4NL

BPECA1NL

BPSRC1/2NL

BPSRC3/4NL

BPRSC1NL

BPBV1/2NL

BPBV3/4NL

BPBV1NL

BPTOOL1/2NL

BPTOOL3/4NL

BPTOOL1NL

BPSTIFF1/2NL

BPSTIFF3/4NL

BPSTIFF1NL

Part Number	Description & Size	Ctn Qty	List Price
Female Elbow			
BPFE1/2NL	BRS PUSH FEM ELBOW NL FITXFPT 1/2	40/160	\$ 9.11
BPFE3/4NL	BRS PUSH FEM ELBOW NL FITXFPT 3/4	20/80	12.82
BPFE1NL	BRS PUSH FEM ELBOW NL FITXFPT 1	13/52	17.68
Male Elbow			
BPME1/2NL	BRS PUSH MALE ELBOW NL FITXMPT 1/2X1/2	40/160	9.11
BPME3/4NL	BRS PUSH MALE ELBOW NL FITXMPT 3/4X3/4	20/80	13.39
BPME1NL	BRS PUSH MALE ELBOW NL FITXMPT 1X1	13/52	19.50
Tees			
BPT1/2NL	BRS PUSH TEE NL FITXFIT 1/2X1/2X1/2	30/120	12.54
BPT3/4NL	BRS PUSH TEE NL FITXFIT 3/4X3/4X3/4	15/60	18.68
BPT1NL	BRS PUSH TEE NL FITXFIT 1X1X1	7/28	35.54
Reducing Tee			
BPRT1/2X1/2X3/4NL	BRS PUSH TEE NL FITXFIT 1/2X1/2X3/4	20/80	18.46
BPRT1/2X1/2X1NL	BRS PUSH TEE NL FITXFIT 1/2X1/2X1	15/60	23.75
BPRT1/2X3/4X3/4NL	BRS PUSH TEE NL FITXFIT 1/2X3/4X3/4	15/60	20.56
BPRT3/4X1/2X1/2NL	BRS PUSH TEE NL FITXFIT 3/4X1/2X1/2	20/80	16.25
BPRT3/4X3/4X1/2NL	BRS PUSH TEE NL FITXFIT 3/4X3/4X1/2	15/60	17.32
BPRT1X1X3/4NL	BRS PUSH TEE NL FITXFIT 1X1X3/4	8/32	29.46
Female Tee			
BPFT1/2NL	BRS PUSH FEM TEE NL FITXFITXFPT 1/2X1/2X1/2	30/120	14.13
BPFT3/4NL	BRS PUSH FEM TEE NL FITXFITXFPT 3/4X3/4X3/4	15/60	20.88
Male Tee			
BPMT1/2NL	BRS PUSH MALE TEE NL FITXFIT 1/2X1/2X1/2	30/120	14.13
BPMT3/4NL	BRS PUSH MALE TEE NL FITXFIT 3/4X3/4X3/4	15/60	20.88
Drop Elbow			
BPDE1/2NL	BRS PUSH DROP ELBOW NL FITXFPT 1/2X1/2	30/120	11.25
Wall Plate Elbow			
BPWPE1/2NL	BRS PUSH WALL PLATE EL NL FITXFPT 1/2X1/2	30/120	12.11
End Cap			
BPECA1/2NL	BRS PUSH END CAP NL FIT 1/2	100/400	3.54
BPECA3/4NL	BRS PUSH END CAP NL FIT 3/4	60/240	5.93
BPECA1NL	BRS PUSH END CAP NL FIT 1	30/120	9.82
Slip Repair Coupling			
BPSRC1/2NL	BRS PUSH REPAIR CPL NL FITXFIT 1/2X1/2	20/80	12.11
BPSRC3/4NL	BRS PUSH REPAIR CPL NL FITXFIT 3/4X3/4	15/60	18.32
BPRSC1NL	BRS PUSH REPAIR CPL NL FITXFIT 1X1	10/40	28.02
Ball Valve			
BPBV1/2NL	BRS PUSH BALL VALVE NL FITXFIT 1/2X1/2	10/40	18.90
BPBV3/4NL	BRS PUSH BALL VALVE NL FITXFIT 3/4X3/4	7/28	25.32
BPBV1NL	BRS PUSH BALL VALVE NL FITXFIT 1X1	5/20	40.75
Removal Tool			
BPTOOL1/2NL	BRS PUSH REMOVAL TOOL NL 1/2	150/600	0.15
BPTOOL3/4NL	BRS PUSH REMOVAL TOOL NL 3/4	100/400	0.26
BPTOOL1NL	BRS PUSH REMOVAL TOOL NL 1	50/200	0.33
Stiffener for PEX			
BPSTIFF1/2NL	BRS PUSH PEX STIFFENER NL 1/2	400/1600	0.28
BPSTIFF3/4NL	BRS PUSH PEX STIFFENER NL 3/4	200/800	0.40
BPSTIFF1NL	BRS PUSH PEX STIFFENER NL 1	150/600	0.56