



# TechSpec

**Distributing  
Excellence**

*- Product Specification -*



## BRASS PEX FITTINGS



**NSF - pw**

NSF Certified to:

- NSF 14
- NSF 61
- ASTM F1807
- CSA B137.5
- UPC code

Standards/Code complied to:



**ASTM F1807  
ASTM F858**



**CSA B137.5**



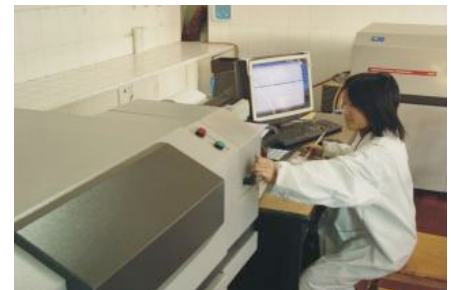
**NSF 14  
NSF 61**



**Uniform Plumbing Code™**



Test of mechanical properties



Test of chemical compositions

### Quality Assurance

Bearing "**cNSFus-pw**" logo, **HL-PEX™** brass PEX insert fittings are forged, machined, inspected, sampled and tested in accordance with the above standards/code, and have been found to comply to specified requirements on above standards/code.

### Crack Resistance

**HL-PEX™** brass PEX insert fittings are made of high quality brass rod, heat treated to release residual stress, and tested per ASTM B858 to ensure the fittings are safe from "stress corrosion cracking" (SCC) problem.

### Recommended Uses

**HL-PEX™** brass PEX insert fittings fit all SDR9 PEX tubing made to ASTM F1807 and CSA B137.5 standards. The fittings are recommended for use in cold and hot potable water distribution systems and hydronic heating systems in accordance with good plumbing practices, applicable code requirements, and current installation practices.



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**J-CLAMP WITH NAIL**



Material: **High Density Polyethylene (HDPE)**

Color: **Black**

Size: **1/2", 3/4" and 1"**

## Quality Assurance

The clamp is made of high density polyethylene (HDPE), 100 percent new without regrinding. U.V. Protected. Corrosion proof. Good impact resistance. Maximum temperature 160F (71C) continuous.

## Advantages/Benefits:

- \* Fast and easy installation with pre-loaded nail.
- \* Made of durable polymer with high impact resistance.
- \* 100% corrosion proof and good U.V. resistance.
- \* Absorb vibrations to reduce noise in pipe lines.

## Recommended Uses

For use with any copper-tube-size (CTS) pipe/tube, such as copper, PEX, CPVC and PB.

## Installation Instruction

- \* Snap onto CTS pipe or tube.
- \* Secure with pre-loaded nail.
- \* Install in alternating directions to ensure secure piping.

Note: Check with local codes to ensure proper spacing requirements for piping support.

## Packaging

In bulk or bar-coded bags with customer's specifications.



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## SUSPENSION CLAMP



Material: **High Density Polyethylene (HDPE)**

Color: **Black**

Size: **1/2", 3/4" and 1"**

### Quality Assurance

The clamp is made from high density polyethylene (HDPE), 100 percent new without regrinding. U.V. Protected. Corrosion proof. Good impact resistance. Maximum temperature 160F (71C) continuous.

### Advantages/Benefits:

- \* Fast and easy installation.
- \* Made of durable polymer with high impact resistance.
- \* 100 percent corrosion proof and good U.V. resistance.
- \* Reducing noise due to expansion and contraction in hot water lines.

### Recommended Uses

For use with any copper-tube-size (CTS) pipe/tube, such as copper, PEX, CPVC and PB.

### Installation Instruction

- \* Open clamp and snap over pipe or tube.
- \* Slide clamp into position.
- \* Secure with barbed nail or screw.

Note: Check with local codes to ensure proper spacing requirements for piping support.

### Packaging

In bulk or bar-coded bags with customer's specifications.



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**COPPER STUB OUT ELBOW**



## Certification

Standards/Code complied to:



**ASTM B88  
ASTM F1807**



**CSA B137.5**



**NSF 14  
NSF 61**



**Uniform Plumbing Code™**

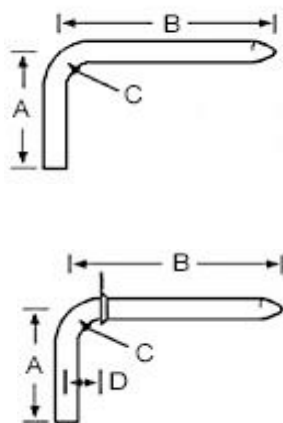
- \* Certified by NSF to CSA B137.5, ASTM F1807, NSF 14, NSF 61 and UPC code.
- \* Made of Type L copper tubing (ASTM B88) which has been certified by NSF, IAPMO and Intertek/Warnok Hersey (ITS/WHI).



## Quality Assurance

- \* 100% air-pressure tested.
- \* Guaranteed leak-proof.
- \* Perfect bending (no deformation) ensure better flow.
- \* 1 1/4 radius bend for better fit inside 2 x 4 walls.



cNSFus - pw



Picture	Part #	Connection	Nom. Tube size	Dimensions			
				A	B	C	D
<b>Standard</b>							
	OSXE-L-246	3/8" PEX	1/2"	3 1/2"	6"	1 1/4"	-
	OSXE-L-248	3/8" PEX	1/2"	3 1/2"	8"	1 1/4"	-
	OSXE-L-346	1/2" PEX	1/2"	3 1/2"	6"	1 1/4"	-
	OSXE-L-348	1/2" PEX	1/2"	3 1/2"	8"	1 1/4"	-
	OSXE-L-3412	1/2" PEX	1/2"	3 1/2"	12"	1 1/4"	-
	OSXE-L-448	3/4" PEX	3/4"	4"	8"	1 3/4"	-
	OSXE-L-4412	3/4" PEX	3/4"	4"	12"	1 3/4"	-
<b>with Ear</b>							
	OSXE-L-248e	3/8" PEX	1/2"	3 1/2"	8"	1 1/4"	1 3/4"
	OSXE-L-346e	1/2" PEX	1/2"	3 1/2"	6"	1 1/4"	1 3/4"
	OSXE-L-348e	1/2" PEX	1/2"	3 1/2"	8"	1 1/4"	1 3/4"
	OSXE-L-448e	3/4" PEX	3/4"	4"	8"	1 3/4"	2"

**Oriental Star Fittings (Canada) Inc.**

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Tel: 604-522-6123 Fax: 604-516-8673



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**TUBE CLAMP**



Material: **High Density Polyethylene (HDPE)**

Color: **Black**

Size: **1/2", 3/4" and 1"**

## Quality Assurance

The clamp is made of high density polyethylene (HDPE), 100 percent new without regrinding. U.V. Protected. Corrosion proof. Good impact resistance. Maximum temperature 160F (71C) continuous.

## Advantages/Benefits:

- \* Fast and easy installation.
- \* Made of durable polymer with high impact resistance.
- \* 100 percent corrosion proof and good U.V. resistance.
- \* Reducing noise due to expansion and contraction of hot water lines.

## Recommended Uses

For use with any copper-tube-size (CTS) pipe/tube, such as copper, PEX, CPVC and PB.

## Installation Instruction

- \* Open clamp and snap over pipe or tube.
- \* Slide clamp into position.
- \* Secure with barbed nail or screw.

Note: Check with local codes to ensure proper spacing requirements for piping support.

## Packaging

In bulk or bar-coded bags with customer's specifications.