

PHILMAC KITEC XPA/Q-LINE x CTS-PE 3G TRANSITIONS

For 1/2, 3/4, and 1" pipe



KITEC XPA End, Fully Open



KITEC XPA End, Fully Closed

The internal seal cap used in 3G™ Kitec XPA fittings, seen above in yellow, protects the Kitec/XPA pipe from water and corrosion

Make repairs involving Kitec XPA/Q-Line pipe with a fitting for the next generation

Philmac 3G™ compression fittings for Kitec XPA/Q-Line pipe make installation easy, requiring no stiffener and needing no force to push the pipe in. These transition couplings to CTS-PE Pipe are useful for repair and additions. Transitions to IPS-OD and IPS-ID PE pipe are also available.

Internal seal cap

Philmac 3G™ Kitec XPA/Q-Line compression fittings come with a unique internal seal cap, seen to the left in yellow. This not only provides superior sealing performance, but also protects the cut end of the Kitec XPA/Q-Line pipe from exposure to water.

PHILMAC KITEC XPA X CTS-OD 3G COUPLINGS

SIZE	PART NO.	DESCRIPTION	LIST PRICE *
1/2"	75-45922	1/2 x 1/2 Coupling, Kitec/XPA x CTS	\$14.82
3/4"	75-45933	3/4 x 3/4 Coupling, Kitec/XPA x CTS	\$15.65
1"	75-45944	1 x 1 Coupling, Kitec/XPA x CTS	\$22.93

* Prices effective September 1, 2010

APPLICATION

For repair situations to transition from Kitec XPA/Q-Line PE Composite pipe to CTS-PE pipe

BENEFITS

- Compact design
- Internal restraint & seal
- Rated 230psi
- Quick installation
- Easy disassembly
- Internal seal cap on Kitec XPA end

MATERIALS

- **Nut:** Acetal
- **Body:** Polypropylene
- **Split Collet:** Acetal
- **Seal:** Nitrile Rubber

SIZES

- 1/2" Kitec/XPA x 1/2" CTS-OD
- 3/4" Kitec/XPA x 3/4" CTS-OD
- 1" Kitec/XPA x 1" CTS-OD

LISTINGS

- NSF 61
- CSA

CONNECTS

Connect pipe made to ASTM F1282/F1281 to pipe made to ASTM D2737/F876

CAUTION

Philmac does not recommend or warrant the use of 3G™ Compression Fittings "inside the building" or for "hot water" applications.



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Installation instructions

INSTALLATION INSTRUCTIONS FOR 3G CTS-OD END



1. Cut Pipe Square

Cut the pipe square. There is no need to prepare the pipe end. Chamfering or lubrication is not required.



2. Ready to Use Position

The fitting is pre-assembled and ready to use, however always ensure the nut is fully relaxed and 2 threads are showing before inserting the pipe.



3. Pipe Insertion

Insert the pipe until the first point of resistance is felt.



4. Nut Tightening

The nut should be tightened by hand and then firmly with a wrench. Tighten the nut all the way to the flange on the body of the fitting.

INSTALLATION INSTRUCTIONS FOR 3G KITEC XPA END



1. Cut Pipe Square



2. Re-round Pipe

To ensure that the pipe sits easily in the internal seal the pipe must be re-rounded on the inside and the outside of the pipe. This may be done by hand or with a re-rounding tool.



3. Pipe Insertion

Insert the pipe until the first point of resistance is felt.



4. Nut Tightening

The nut should be tightened by hand and then firmly with a wrench. Tighten the nut all the way to the flange on the body of the fitting.



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