

Product Release

3/2010

Ford's Ultra-Tite compression fitting provides an immediate lock onto Polyethylene Pipe (PEP/IPS) or Polyethylene Tubing (PET/CTS) when inserted to the internal stop. This simple stab fitting is available beginning March 2010, on the following 3/4" and 1" couplings:



PET/CTS ULTRA-TITE
(Red Gripper Ring)



PEP/IPS ULTRA-TITE
(White Gripper Ring)

MIP x PET/CTS ULTRA-TITE

C84-33-U (3/4") C84-44-U (1")

FIP x PET/CTS ULTRA-TITE

C14-33-U (3/4") C14-44-U (1")

MIP x PEP/IPS ULTRA-TITE

C86-33-U (3/4") C86-44-U (1")

FIP x PEP/IPS ULTRA-TITE

C16-33-U (3/4") C16-44-U (1")

Beveling the end of the pipe or tubing with the special chamfering tool permits proper engagement of the pipe or tubing into the socket. Removing the Ultra-Tite from the pipe or tubing requires a removal tool to release the compression between the gripper and the pipe or tubing, (1" size requires the use of two removal tools). O-Ring and Gripper Ring replacement is recommended prior to re-using the fitting.

Chamfer Tool Part Numbers:

PECT-3-CTS (3/4" PET/CTS)
PECT-4-CTS (1" PET/CTS)
PECT-3-IPS (3/4" PEP/IPS)
PECT-4-IPS (1" PEP/IPS)



Removal Tool Part Number:

UTRT-520200



The following Ultra-Tite couplings to be available by April 2010:

PET/CTS x PET/CTS ULTRA-TITE

C44-33-U (3/4") C44-44-U (1")

FEMALE COPPER FLARE

x PET/CTS ULTRA-TITE

C04-33-U (3/4") C04-44-U (1")

PEP/IPS x PEP/IPS ULTRA-TITE

C66-33-U (3/4") C66-44-U (1")

FEMALE COPPER FLARE

x PEP/IPS ULTRA-TITE

C06-33-U (3/4") C06-44-U (1")

Nominal Size of Connection	Material	Tubing or Pipe O.D. Range (in.)	Tubing or Pipe Wall Thickness Range (in.)	Tubing or Pipe I.D. Range (in.)
3/4" CTS PE	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.685
1" CTS PE	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880
3/4" IPS PE	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834
1" IPS PE	Polyethylene PE	1.329 - 1.399	0.150 - 0.170	1.029 - 1.059

CTS polyethylene (PE) per ASTM D-2737 - SDR-9

IPS polyethylene (PE) per ASTM D-2239 - SDR-7

The Ford Ultra-Tite is for applications on Polyethylene Pipe (PEP) or tubing (PET) only. The use of a tubing insert is not required or recommended.