

Rev. 9-09 Shaded area indicates changes

### Polyethylene PE tubing and pipe used with Mueller INSTA-TITE connections

Nominal size of connection	Material	Tubing or pipe O.D. range - inches	Tubing or pipe wall thickness range - inches	Tubing or pipe I.D. range - inches
3/4" CTS	Polyethylene PE	0.871 - 0.879	0.097 - 0.107	0.657 - 0.695
1" CTS	Polyethylene PE	1.120 - 1.130	0.125 - 0.137	0.846 - 0.880
3/4" IPS	Polyethylene PE	1.045 - 1.110	0.118 - 0.138	0.809 - 0.834
1" IPS	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 PE SDR-7

### Mueller INSTA-TITE connection replacement parts

Size	Gasket part number†	O-ring part number
3/4" CTS PE (red gripper)	506325	506324
1" CTS PE (red gripper)	506327	506326
3/4" IPS PE (white gripper)	506885	506883
1" IPS PE (white gripper)	506886	506884



Gripper rings



O-rings

### Optional tools for use with MUELLER INSTA-TITE Connections

#### Pipe beveling tool

To assure proper installation, the end of the pipe or tubing must be properly beveled before it is inserted into the MUELLER INSTA-TITE Connection. MUELLER CO. offers a special beveling tool for both CTS PE tubing and IPS PE pipe.



#### Pipe removal tool

Pipe or tubing may be removed from the MUELLER INSTA-TITE Connection using special removal tools. Use one tool for 3/4" size connection and two tools for 1" size.



PART NUMBER: **H-18015** for 3/4" and 1" CTS tubing  
 PART NUMBER: **H-18017** for 3/4" and 1" IPS pipe

PART NUMBER: **506336**