

MUELLER® INSTA-TITE® CONNECTION INFORMATION



6.17

Rev. 8-04

Polyethylene PE Tubing and pipe used with MUELLER INSTA-TITE Connections

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

MUELLER INSTA-TITE Connection replacement parts

Size	Gripper ring 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)	505885	505883
1" IPS PE (white gripper)	505886	505884



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.



PART NUMBER: **H-18015** for 3/4" and 1" CTS PE tubing
 PART NUMBER: **H-18017** for 3/4" and 1" 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: **506336**