



McWANE
DUCTILE

IRON STRONG

DUCTILE IRON PIPE JOINT USES TIP SHEET

McWaneDuctile.com

JOINING DUCTILE IRON PIPE together is just as important as the pipe itself. It sounds like a simple procedure, but the environment in which the pipe is assembled is critical. With this tip sheet, you'll be able to determine the type of joint, where the joint is best suited, and who manufactures the joint. Check out our Iron Strong blog for more information on joints at McWaneDuctile.com/Blog.

NON-RESTRAINED TYPES	Buried	Casing	HDD/Pipe Bursting	Subaqueous	Aerial Spans/Bridges	Pipe on Supports
PUSH-ON: • Tyton (1) (2) • Fastite (2)	✓	✓ <small>Restraining gaskets may be required</small>				✓ <small>Restraining gaskets may be required</small>
MECHANICAL JOINT (4)	✓				✓	✓
RESTRAINED TYPES						
PROPRIETARY RESTRAINTS						
PUSH-ON: • TR-Flex (1) (3) • HPLOK (3) • HDSS (3) • Flex-Ring (2) • Lok-Ring (2)	✓	✓	✓	✓	✓	✓
PROPRIETARY RESTRAINTS (MJ): • MJCJ • BOLT-LOK (3) • MECH-LOK (3)	✓	✓			✓	✓
LOCKING GASKETS: • Sure-Stop (1) • Fast-Grip (2) • Field-Lok (3)	✓	✓				
MJ w/WEDGE ACTION RETAINERS	✓	✓			✓	✓
BELL HARNESS RESTRAINTS	✓	✓			✓	✓
LONG SPAN (4): • Flange Long Span • Mech-Lok (2)					✓	✓
FLANGE PIPE (4)						✓
GROOVED/SHOULDER (4)					✓	✓
BALL & SOCKET/RIVER CROSSING: • River Crossing Pipe (1) • USIFLEX (3) • Flex-Lok Ball (2)	✓			✓		✓
SEISMIC: • Seismic Flex Coupling (1) • American Earthquake (2) • ERDIP (3) • TR-Xtreme (3)	✓			✓		

(1) = Manufactured by McWane Ductile, (2) = Registered® and manufactured by American, (3) Registered® and manufactured by US Pipe, (4) = Manufactured by all Ductile companies.

