

## HOW-TO INSTALL

## MDPE FITTINGS

**Installing MDPE (Medium-Density Polyethylene) fittings involves a few steps to ensure a secure and leak-free connection. Here's a general guide on how to install MDPE fittings:**

### **GATHER THE NECESSARY TOOLS AND MATERIALS**

- MDPE fittings (such as couplings, elbows, tees, valves, etc.)
- MDPE pipe
- Pipe cutters or a hacksaw
- Pipe chamfer or emery cloth
- Adjustable wrench or spanner
- PTFE tape
- Pipe lube

### **MEASURE AND CUT THE MDPE PIPE**

Determine the required length for the pipe and mark it accordingly. Use pipe cutters or a hacksaw to make a clean, square cut. Temporarily place your fitting on the end of the pipe before you install and draw witness marks before installing it.

### **PREPARE THE PIPE ENDS**

Use a pipe reamer or emery cloth to remove any rough edges or burrs from the cut ends of the pipe. This step ensures a smooth and even surface for proper sealing.

### **INSERT PIPE INSERTS (IF REQUIRED)**

Check the manufacturer's instructions to determine if inserts are necessary and install them accordingly.

### **CONNECT THE FITTINGS**

Insert the MDPE pipe into the fitting, ensuring it goes all the way in until it stops (you will hear a 'thunk' sound). For compression fittings, tighten the nut with an adjustable wrench or spanner until it is snug. Avoid over-tightening, as it can damage the fitting.

### **TEST FOR LEAKS**

Once the fittings are connected, turn on the water supply and check for any leaks around the joints. If you notice any leaks, tighten the fittings slightly. Use PTFE tape for threads only.

### **SECURE THE FITTINGS**

If the installation is outdoors or in an area prone to movement, it's advisable to secure the fittings to a sturdy structure using clamps or pipe brackets. This helps prevent stress on the joints.

**It's important to follow the specific instructions provided by the manufacturer of your MDPE fittings, as the installation process can vary slightly depending on the brand and type of fittings being used.**