

The **Highland** range of *Electrofusion Tooling* is designed to ensure the correct preparation and alignment of pipes into electrofusion fittings prior to fusion. They will prepare and hold HDPE, MDPE, PP, PPR and PPR-CT pipe and fittings.

The first key step to a high-quality joint is the cleaning and scraping of pipe ends prior to insertion into the fitting. The **Highland Scraper** is designed for use on 2" diameter to 12" diameter DR 11 pipes. It is semi-automatic, clamping onto the end of the pipe and rotating around while peeling a continuous ribbon 0.008" thick from the pipe's outer surface. This quick and easy to use tool ensures the optimum preparation is made to the pipe OD.

The second key step to a high-quality joint is clamping the pipes to avoid movement during the fusion process. Any movement or misalignment can result in a poor or failing joint. The **Highland Variclamp** has been designed to hold and align pipe from ½" to 2" IPS/CTS/MM or in any combination, helping the pipes' alignment and preventing movement during the fusion. This clamp has rotatable profiles having up to five different sizes on them that allow quick selection of the pipe diameter for both couplers and reducers. It also bends to 45 or 90 degrees to allow elbows to be held.

The **Highland Multiclamp** has been designed to hold, align and reround pipe from 3" to 12" IPS/MM (4"-10" DIPS). This tool has removeable inserts that line the clamp to the correct diameter. Larger diameter pipes are often oval due to storage conditions or being provided as coils. This tool has hard solid shells that reround the pipe allowing easier insertion into couplers and fittings. The holding rings of the tool rotate to allow 45 or 90 degree elbows to be held.



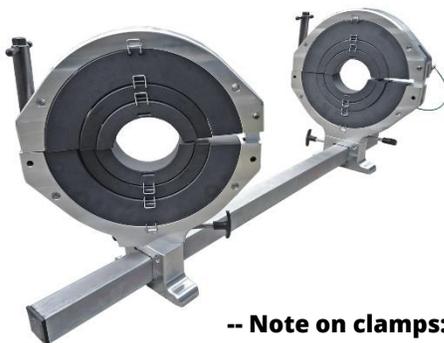
SCRAPER **ISCO P/N 77067412**

Range: 2" to 12" DR 11 Pipes (4"-10" DIPS)
Cut Depth: 0.008"
Size: 16" x 8.25" x 6"
Weight: 13 lb



VARICLAMP

½, 1, 1¼, 2 "IPS ½, 1, 1¼ "CTS **ISCO P/N 77067413**
½, ¾, 1, 1¼, 1½, 2 "IPS **ISCO P/N 76067513**
16, 20, 25, 32, 40, 50, 63 MM **ISCO P/N 76067413**
Type: Couplers, Elbows, Reducers
Size: 9" x 6" x 7"
Weight: 3 lb



MULTICLAMP **ISCO P/N 77067414**

Range: 3" to 12" IPS/MM (4"-10" DIPS)
Type: Couplers, Elbows, Reducers
Size: 15.75" x 19" x 25.5"
Weight: 45 lb

-- Note on clamps: When ordering, specify pipe sizes and OD types --