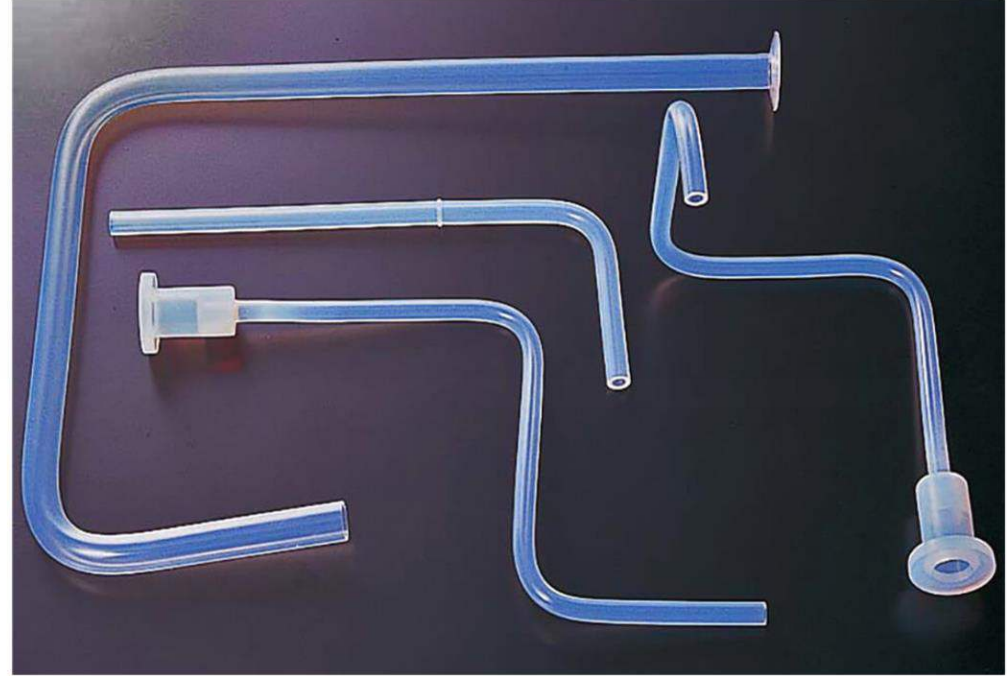




**PLASTIC DESIGN <sup>INC</sup>**



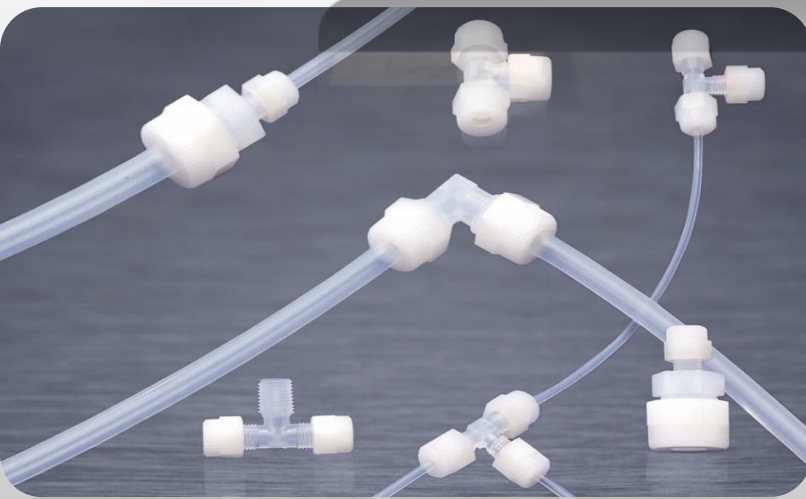
## ***PURE FLUID ASSEMBLIES***

***PROVIDING SPECIALIZED ULTRA HI-PURITY PFA (TEFLON) FLUORO-PLASTIC ASSEMBLIES TO INDUSTRY***



1

## PFA TUBE & PIPE ASSEMBLY **LASER DRILLING**



2

## PFA TUBE & PIPE ASSEMBLY **IR WELDING**

3

## PFA TUBE & PIPE ASSEMBLY **BENDING**



4

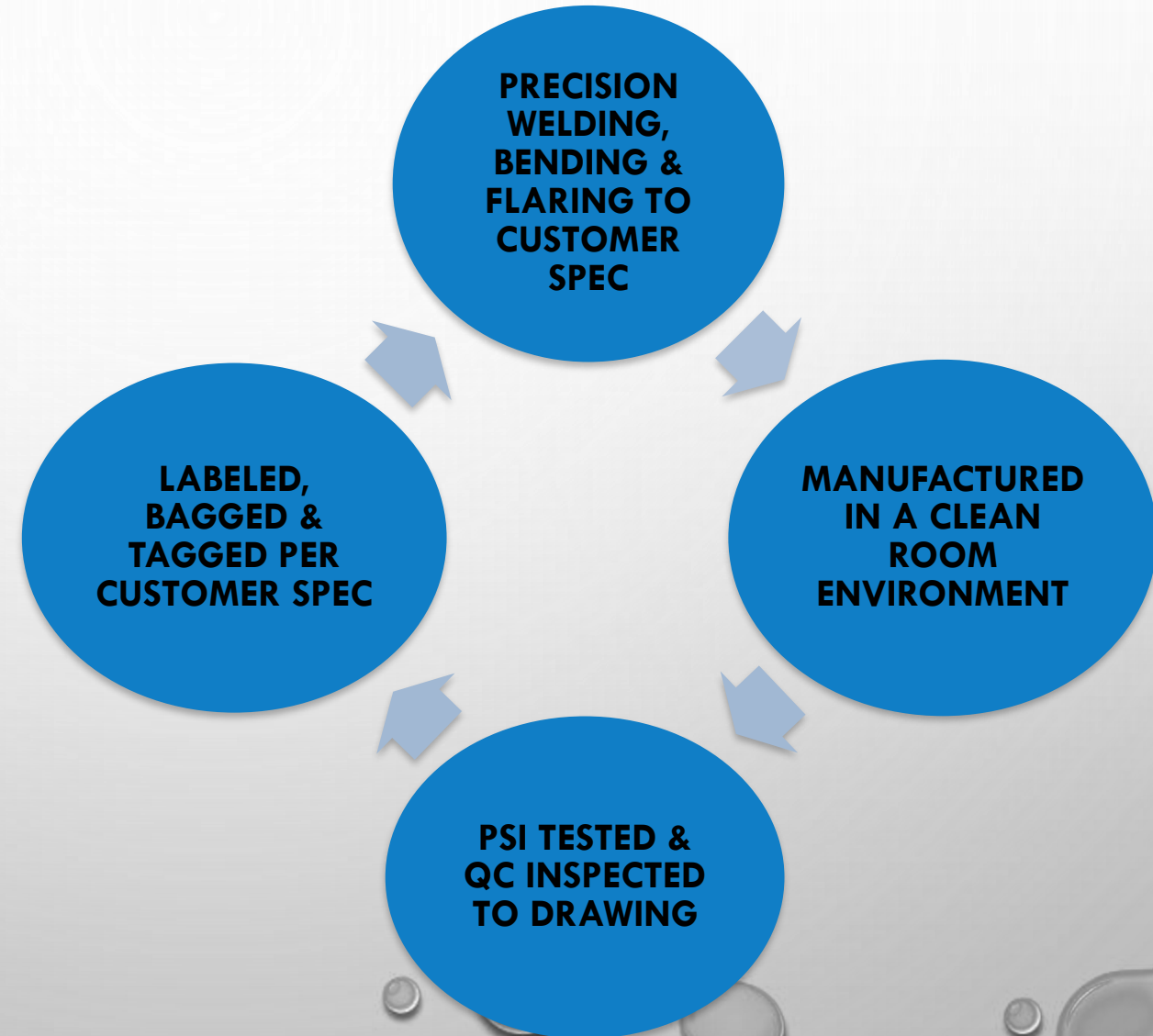
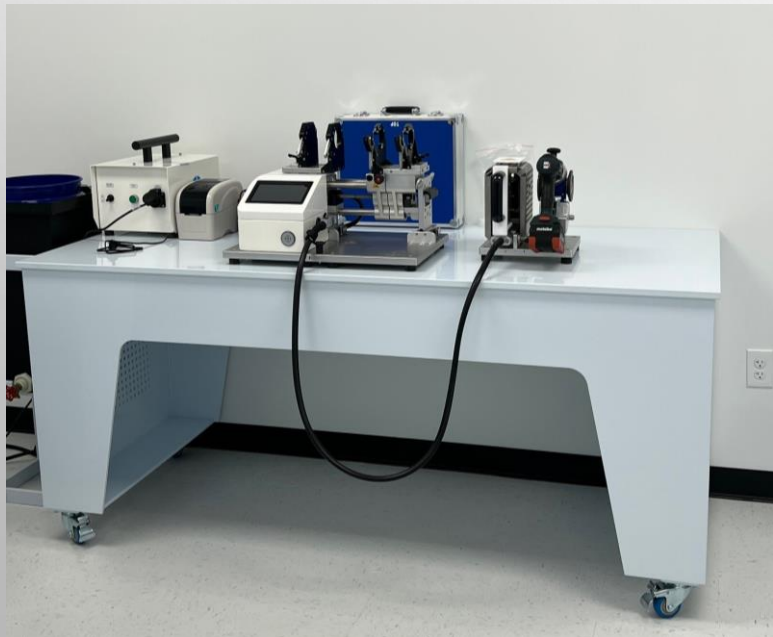
## PFA TUBE & PIPE ASSEMBLY **FLARING**

# OUR PROCESS & PROMISE

- **STOCKING MANUFACTURER**
- **FAST QUOTING**
- **RAPID PROTOTYPES**
- **HIGH PRODUCTION RUNS**
- **IN-HOUSE MACHINING – NO LEAD-TIMES**
- **CONSIGNMENT PROGRAMS**
- **COMMITMENT TO QUALITY**



# SERVICE & QUALITY CONTROL





# BENEFITS FOR USING PLASTICS

- PLASTIC TUBE BENDING IS A GREAT ALTERNATIVE TO WELDING, SINCE IT ELIMINATES THE NEED FOR MULTIPLE FITTINGS WITHIN A SYSTEM OR COMPLEX ASSEMBLY.
- DUE TO ITS LIGHTWEIGHT NATURE, PLASTIC FABRICATION IS GENERALLY A FASTER AND EASIER PROCESS THAN WHEN WORKING WITH METALS.
- LOOKING TO SAVE ON SPACE, TIME AND MONEY? PLASTIC TUBE BENDING IS A GREAT SOLUTION AS THE PROCESS REDUCES THE OVERALL LENGTH OF THE TUBING, RESULTING IN A SMALLER ASSEMBLY.
- PLASTICS HAVE A LOW MELTING POINT AND HIGH MALLEABILITY, GIVING THEM THE ABILITY TO QUICKLY BE FORMED INTO VARYING BASIC OR COMPLEX SHAPES.
- PLASTIC MATERIALS GENERALLY ARE MORE CHEMICALLY-RESISTANT THAN METALS, WHICH IS A BOON FOR MANUFACTURING SYSTEMS WHERE OXIDATION AND RUSTING ARE A RISK.
- PLASTIC PIPING KITS CAN BE DESIGNED TO YOUR SPECIFICATIONS, AND THESE KITS CAN INCLUDE PLASTIC TUBE BENDING, PLASTIC PIPE WELDING AND TUBE CUTTING TO PERFECTLY FIT YOUR PROJECT'S APPLICATION.
- ORDERING AN ENTIRE PLASTIC PIPING KIT WITH ONE PART NUMBER GREATLY REDUCES THE RISK OF ERROR.



# CONTACT US



**978-251-4830**

**INFO@PLASTICDESIGNINC.COM**

**WWW.PLASTICDESIGNINC.COM**