

Electric-welding Sleeves line in PVDF

The application of **PVDF** in the realization of pipes for pressure-driven processes has allowed a great evolution of this field in the last few years, particularly thanks to the numerous and remarkable properties of such material, which is today available in two different variants, known as **chemical** and **high purity class (HPC)**.



Simultaneously to the rising of its applications, also the joining technique for this material, nominally known as thermal welding, has gone through a great evolution. Starting from the classical contact welding by polyfusion, both in socketed and butt-welding, it has been then introduced the **contactless irradiation butt-welding technique**, which allows the realization of **seamless junctions**, both for internal and external applications. Such innovation has been particularly appreciated in the pharmaceutical field, where the transportation of fluids under high purity requirements results to be very important.

Our company has the capability to supply **welding machines** suitable for the applications of all these techniques. Moreover, as an even further evolution of the joining technique, we have also developed a new type of junction with **electric-welding sleeves** for all the quality classes, both in **PVDF** and **PVDF-UHP**.

Today, we can finally introduce a new line of diameters, from DE 20mm to DE 63mm PN 16bar that are completely seamless weldable thanks a **new electric-welder machine**, equipped with all the necessary accessories for such operations. Moreover, all the spigots of our fittings are adequately dimensioned in order to allow easy execution of these type of junctions.

This very specific and high advanced welder for **PVDF** and **PVDF-UHP** applications is also available for rent at our company, with tailor-made rentals based on the total necessary usage time.

All you need is Hürner