

Sparge Well Materials



Ozone Delivery Tubing

Well Head Connections (WHC)

Riser Pipe (RP)

In-situ Oxidation Points (IOP)

Ozone Delivery Tubing – PFA type Teflon®, 1/2" OD x 3/8" ID, up to 1000 Ft. continuous roll

Well Head Connections (WHC) are made from the highest quality materials available. The WHC features a Kynar® compression fitting, and a type 316 stainless steel inlet tee in a sealed Schedule 80 PVC body. A 1/4" FPT access port is included to accommodate a pressure gauge for accurate pressure readings. Any existing on-site 2" or 4" monitoring well-casing can adapt to work with our ozone sparge technology using our 2' or 4' WHC.

WHC10 Well head connection for 1" Pipe and 1/2"OD compression fitting for tubing

WHC20 Well head connection for 2" Pipe and 1/2"OD compression fitting for tubing

WHC40 Well head connection for 4" Pipe and 1/2"OD compression fitting for tubing

Riser Pipe (RP) is an integral component of our complete In-situ Oxidation Point (IOP) system. Each Riser Pipe section is sealed with an ozone-resistant Viton® O-ring to insure no leaks occur while under pressure. Schedule 80 PVC is used for the durability and ozone resistance required for harsh field conditions.

RP100 1.0" ID, 10-foot section, Schedule 80 with Viton® O-ring, and 1.0" x 8-TPI ASTM F-480

RP100-5 1.0" ID, 5-foot section, Schedule 80 with Viton® O-ring, and 1.0" x 8-TPI ASTM F-480

In-situ Oxidation Points (IOP) were designed by our engineering staff exclusively for use with our ozone sparge units. Made from ozone-resistant PVDF (Kynar®), they are rigid by design and include a Viton® O-ring seal to assure long-term reliability. These proprietary oxidation points provide maximum ozone transfer to the contaminated water table and soil. Efficient mass transfer means remediation takes place quickly and completely.

IOP150-18 1.5" OD x 18.0"L, Viton® O-ring, and 1.0" x 8-TPI ASTM F-480 Male Flush Thread.

NOTE: Retrofit materials for monitoring wells are available.