



"THE STANDARD OF EXCELLENCE IN THE INDUSTRY"

### **SADDLES (ALL Stainless Steel) - STYLES – PECS12, PECS22**

Service Saddles shall be made from 18-8, Type 304 stainless steel, per ASTM A240. All welds and metal surfaces shall be chemically passivated to meet ASTM A380. All saddles shall be of two-piece construction and shall be certified to ANSI/NSF 61.

**Cascade Style PECS12** Service Saddles shall be a minimum of 5 inches wide for 4 inch through 12 inch pipe sizes with outlets that do not exceed 2 inch CC or IPS thread. The saddles shall have a single stud/receiver assembly per side.

**Cascade Style PECS22** Service Saddles shall be 8 inches wide for pipe sizes above 12 inch with outlets that do not exceed 2 inch CC or IPS thread. These saddles shall have a double stud/receiver assembly per side.

Bolts and nuts shall be 5/8-11, 18-8 stainless steel. Nuts shall be coated with Xylan to prevent galling. Washers shall be nylon 1/16" x 1-1/4". Saddles to have Belleville washers, made of spring grade stainless steel, to help counteract HDPE pipe expansion and contraction during pressure and temperature changes. Outlet shall be 18-8 stainless steel either CC or IPS thread. Gaskets shall be virgin SBR grade 30. Gasket shall be a gridded mat, with tapered ends, with the outlet section having dual o-rings contacting the saddle body and multiple o-rings contacting the pipe. A stainless steel reinforcing ring shall be insert molded within the outlet section to prevent expansion under pressure.

Service Saddles shall be Model PECS12 or PECS22 as manufactured by Cascade Waterworks Mfg. Co. of Yorkville, IL or approved equal.