

Stainless Steel Sanitary Clamp – Temperature/Pressure Ratings

Stainless Steel Sanitary Clamp – 13MHHM

Clamp Size	Maximum Pressure / 70° F	Maximum Pressure / 250° F
½" – ¾"	1500 psi	1200 psi
1" – 1 ½"	500 psi	300 psi
2"	450 psi	300 psi
2 ½"	400 psi	200 psi
3"	350 psi	195 psi
4"	300 psi	150 psi
6"	150 psi	75 psi
8"	100 psi	50 psi
10"	75 psi	40 psi
12"	30 psi	25 psi

Stainless Steel Sanitary Clamp – 13MHP

Clamp Size	Maximum Pressure / 70° F	Maximum Pressure / 250° F
½" – ¾"	1500 psi	1200 psi
1" – 1 ½"	1000 psi	800 psi
2"	1000 psi	800 psi
2 ½"	1000 psi	800 psi
3"	1000 psi	800 psi
4"	800 psi	600 psi
6"	300 psi	200 psi
8"	250 psi	150 psi
10"	150 psi	100 psi
12"	150 psi	100 psi

Stainless Steel Sanitary Clamp – 13MHHS

Clamp Size	Maximum Pressure / 70° F	Maximum Pressure / 250° F
1" – 1 ½"	600 psi	300 psi
2"	550 psi	275 psi
2 ½"	450 psi	225 psi
3"	350 psi	175 psi
4"	300 psi	150 psi
6"	-- psi	-- psi
8"	-- psi	-- psi

Note: Pressure ratings were based on the following parameters: Nominal wall thickness (.065 1.5"-3", .083 4"), use of elastomer type gasket*, weld ferrules, properly aligned and assembled joints (wingnuts torqued to 25 in. lb.) and the absence of water hammer or shock loads. (HP hex nuts torqued to 20 ft. lb.)

Remember, use the Clamped Union pressure rating above for safe, correct pipeline design. Pressure ratings of the clamp alone are generally higher yet do not take into account the full clamped assembly with gasket.

PTFE gaskets are not recommended for use with 13MHP clamps. Consult factory for Solid PTFE and PTFE Envelope Gasket information. Higher pressure ratings for the clamp alone are available upon request.