

# Easyflex<sup>TM</sup>

## Stainless Steel Braided Flexible Pump Connectors



Stainless steel braided connectors are a great overall solution for connection to cold and hot water pumps (relatively unaffected by temperature) and they are impervious to today's water conditioning chemicals. Standard Pump Connectors are constructed of SS304 hose and SS304 braid with ANSI B16.5 150# flanged connections. However, pump connectors can also be manufactured in SS316/SS321 material and AS2129 Tables C, D, E and F/ANSI B16.5 300 # flanges.

Easyflex stainless steel pump connectors combine a close corrugation stainless steel hose with a tightly woven stainless steel overbraid. The Easyflex Style EFMHPC braided flexible metal pump connector has been designed to control a variety of mechanical stresses, such as:



- Vibration control
- Noise reduction
- Relief from system stressors
- Prevention of system shock
- Compensation for misalignment and movement

Ordinary flexible metal hoses can fail to operate properly when subjected to high pressures; adding a flexible restraint, such as a metal braid, allows the hose to adequately withstand the specified internal pressure and prevent elongation. The woven metal braid is designed to fit over the metal hose, and to be strong enough to withstand elongation up to the full pressure rating of the hose.

Expansion Joint Size: IDXID Length	Lateral Offset		Working Pressure (PSI)		Flange Drilling Standard
	Intermittent (mm)	Permanent (mm)	@ 70°F	@ 300°F	
EFMHPC 2 x 9	3	10	455	400	B16.5 ANSI 150#
EFMHPC 2 x 12	19	25	455	400	B16.5 ANSI 150#
EFMHPC 2-1/2 x 9	3	10	345	303	B16.5 ANSI 150#
EFMHPC 2 -1/2 x 10	3	10	345	303	B16.5 ANSI 150#
EFMHPC 2 -1/2 x 10- 1/4	10	19	345	303	B16.5 ANSI 150#
EFMHPC 2 -1/2 x 12	19	25	345	303	B16.5 ANSI 150#
EFMHPC 3 x 9	3	10	289	254	B16.5 ANSI 150#
EFMHPC 3 x 10	3	10	289	254	B16.5 ANSI 150#
EFMHPC 3 x 10-5/8	10	19	289	254	B16.5 ANSI 150#
EFMHPC 3 x 14	19	25	289	254	B16.5 ANSI 150#
EFMHPC 4 x 9	3	10	300	264	B16.5 ANSI 150#
EFMHPC 4 x 10	3	10	300	264	B16.5 ANSI 150#
EFMHPC 4 x 11-3/4	10	19	300	264	B16.5 ANSI 150#
EFMHPC 4 x 16	19	25	300	264	B16.5 ANSI 150#
EFMHPC 5 x 11	2	10	220	193	B16.5 ANSI 150#
EFMHPC 5 x 12	2	10	220	193	B16.5 ANSI 150#
EFMHPC 5 x 13-5/8	10	19	220	193	B16.5 ANSI 150#
EFMHPC 5 x 18	19	25	220	193	B16.5 ANSI 150#
EFMHPC 6 x 11	3	10	200	176	B16.5 ANSI 150#
EFMHPC 6 x 12	3	10	200	176	B16.5 ANSI 150#
EFMHPC 6 x 14-1/8	10	19	200	176	B16.5 ANSI 150#
EFMHPC 6 x 20	19	25	200	176	B16.5 ANSI 150#
EFMHPC 8 x 12	3	10	190	167	B16.5 ANSI 150#
EFMHPC 8 x 13	3	10	190	167	B16.5 ANSI 150#
EFMHPC 8 x 15-3/8	10	19	190	167	B16.5 ANSI 150#
EFMHPC 8 x 22	19	25	190	167	B16.5 ANSI 150#
EFMHPC 10 x 13	3	10	165	145	B16.5 ANSI 150#
EFMHPC 10 x 14	3	10	165	145	B16.5 ANSI 150#
EFMHPC 10 x 17-3/4	10	19	165	145	B16.5 ANSI 150#
EFMHPC 10 x 24	19	25	165	145	B16.5 ANSI 150#
EFMHPC 12 x 14	3	10	125	110	B16.5 ANSI 150#
EFMHPC 12 x 15	3	10	125	110	B16.5 ANSI 150#
EFMHPC 12 x 18-3/8	10	19	125	110	B16.5 ANSI 150#
EFMHPC 12 x 26	19	25	125	110	B16.5 ANSI 150#
EFMHPC 14 x 14	3	10	105	92	B16.5 ANSI 150#
EFMHPC 14 x 15	3	10	105	92	B16.5 ANSI 150#
EFMHPC 14 x 20	10	19	105	92	B16.5 ANSI 150#
EFMHPC 14 x 28	19	25	105	92	B16.5 ANSI 150#