

# EVEN WALL

## Uniform-elastomer PCP

### APPLICATIONS

- Higher-temperature PCP wells
- Wells with high likelihood of elastomer swelling

### BENEFITS

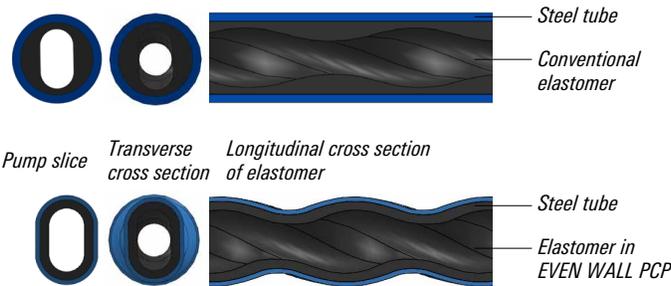
- Creates uniform elastomer swell and thermal expansion
- Mitigates swelling
- Extends pump run life by decreasing friction and heat buildup

### FEATURES

- Rated to 248 degF [120 degC]
- Lower drive power for the same delivery rate and pressure
- Increased ability to generate pressure at each stage, enabling a shorter pump design
- Suitable for light oil applications

In a conventional PCP, the heat accumulates where the elastomer is thicker, which is one potential cause of damage to the elastomer. The EVEN WALL® uniform-elastomer PCP incorporates uniform elastomer thickness, resulting in an even temperature distribution.

The constant elastomer profile works particularly well under swell conditions. As the elastomer swells evenly, it enables an accurate, more consistent fit between the rotor and stator, improving pump performance. The reduction in swelling makes this technology suitable for light oil applications or wherever the problem is presented.



*EVEN WALL PCP incorporates more uniform elastomer wall thickness in comparison with conventional elastomer.*



*EVEN WALL PCP.*

### EVEN WALL PCP Models

Series, in [mm]	Model	Pump Nominal Capacity (Displacement Rate) at 100 rpm at Zero Head, bbl/d [m <sup>3</sup> /d]	Pump Lift Rating, ft [m]	Stator Outside Diameter, in [mm]	Stator Length, ft [m]
3.5 [88.9] EUE pin	30 K 900 EW	189 [30]	2,952 [900]	3.780 [96]	7.41 [2.26]
	30 K 1800 EW	189 [30]	5,904 [1,800]	3.780 [96]	14.83 [4.52]
	30 K 2700 EW	189 [30]	8,856 [2,700]	3.780 [96]	22.24 [6.78]
4 [101.6] NU pin	98 K 600 EW	616 [98]	1,968 [600]	4.252 [108]	12.80 [3.90]
	98 K 1200 EW	616 [98]	3,936 [1,200]	4.252 [108]	25.59 [7.80]
	98 K 1800 EW	616 [98]	5,904 [1,800]	4.252 [108]	38.39 [11.70]