



Freeflo™ Screens

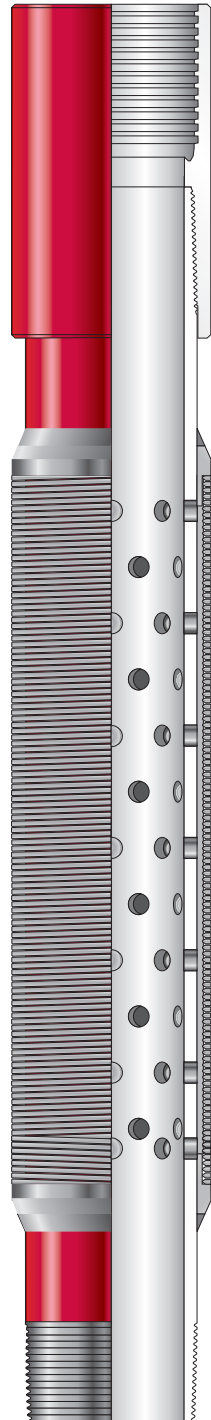
Weatherford Freeflo screens have been the industry-leading pipe-based, slip-on screens for more than 30 years. A wide variety of keystone and house-shape wires in a range of metallurgies are available, including heavy-duty surface wire for increased erosion resistance. The high-performance Freeflo screens are engineered to meet client requirements.

Applications

- Gravel-pack completions with low pump rates and pressures
- Long-radius, openhole, stand-alone completions in well-sorted homogenous reservoirs
- Applications with low drawdown pressures

Features, Advantages, and Benefits

- The custom wire-to-axial support rod design provides exacting tolerances to achieve the optimal performance in a pipe-based, slip-on screen.
- The heat-resistant welding of the surface wire to the support rods enhances strength and durability.
- The extra support ribs create a stronger and rounder screen jacket, which provides consistent slot control for better sand retention and mud flowback prevention.
- The specially designed end rings provide greater jacket-to-base-pipe strength.





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Specifications

Base Pipe			End Ring		Screen ¹					
Size (in.)	Weight (lb/ft)	ID (in., mm)	Keystone OD (in., mm)	House OD (in., mm)	Keystone OD (in., mm)	House OD (in., mm)	Tensile Strength ² (lb, kg)	Maximum Bend Angle ³ (°/100 ft)/(°/30.5 m)	Burst Resistance (psi, kPa)	Collapse Resistance (psi, kPa)
2 3/8	4.6	1.995 50.67	2.93 74.30	2.97 75.44	2.73 69.22	2.77 70.36	88,690 40,229	90	2,750 18,961	1,875 12,928
2 7/8	6.4	2.441 62.00	3.43 87.00	3.47 88.14	3.23 81.92	3.27 83.06	123,220 55,892	90	2,375 16,375	1,590 10,963
3 1/2	9.2	2.992 76.00	4.05 102.87	4.10 104.01	3.85 97.79	3.90 98.93	176,130 79,891	90	2,015 13,893	1,360 9,377
4	9.5	3.548 90.12	4.55 115.57	4.60 116.71	4.35 110.49	4.40 111.63	182,210 82,649	90	1,805 12,445	1,205 8,308
4 1/2	11.6	4.000 101.60	5.05 128.27	5.10 129.41	4.85 123.19	4.90 124.33	226,980 102,956	82	1,630 11,238	1,080 7,446
5	15.0	4.408 111.96	5.55 140.97	5.60 142.11	5.35 135.89	5.40 137.03	297,450 134,921	73	1,490 10,273	1,010 6,964
5 1/2	17.0	4.892 124.26	6.05 153.67	6.10 154.81	5.85 148.59	5.90 149.73	337,440 153,060	66	1,370 9,446	955 6,584
6 5/8	24.0	5.920 150.37	7.18 182.25	7.22 183.39	6.98 177.17	7.02 178.31	472,340 214,250	55	1,155 7,963	860 5,929

Notes

¹ All values are based on 316L screen jackets.

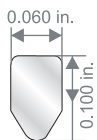
² The screen tensile strength is based on L80 base pipe.

³ The maximum bend angle for the screen may exceed the allowable bend angle for some threads. See the thread manufacturer's specifications.

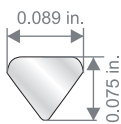
Options

Freeflo screens are available in multiple configurations and are engineering to meet client requirements.

House-shape Wrap Wire



Keystone Wrap Wire



Rib Wire

