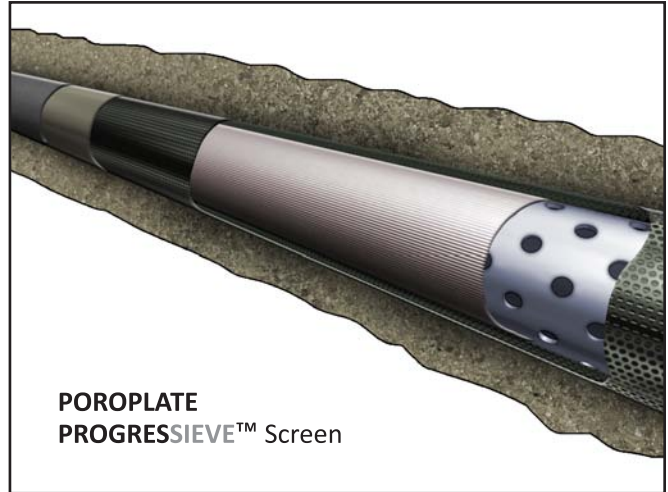


THE BEST SCREEN AVAILABLE

POROPLATE PROGRESSIEVE™ sand control media is manufactured via the same proprietary sintering process as standard Poroplate® screen tube offerings, but employs additional layers of wire mesh to provide extended dirt holding capacity. Each layer of wire mesh is carefully selected based on the particle size distribution or gradient pore screen design that maximizes dirt holding capacity and flow, without compromising sand control filtration capabilities.



The custom orientation of multiple layers of wire cloth creates what can be best described as a series of surface media layers that deliver the dirt holding capacity of a depth media. This unique performance characteristic is made possible because each layer serves a specific function of removing a narrowly targeted particle size. This allows each layer of wire cloth to be contaminated only by particles that are larger than its pore size, thereby freeing up subsequent downstream layers to remove progressively finer particles.

STANDARD FEATURES:

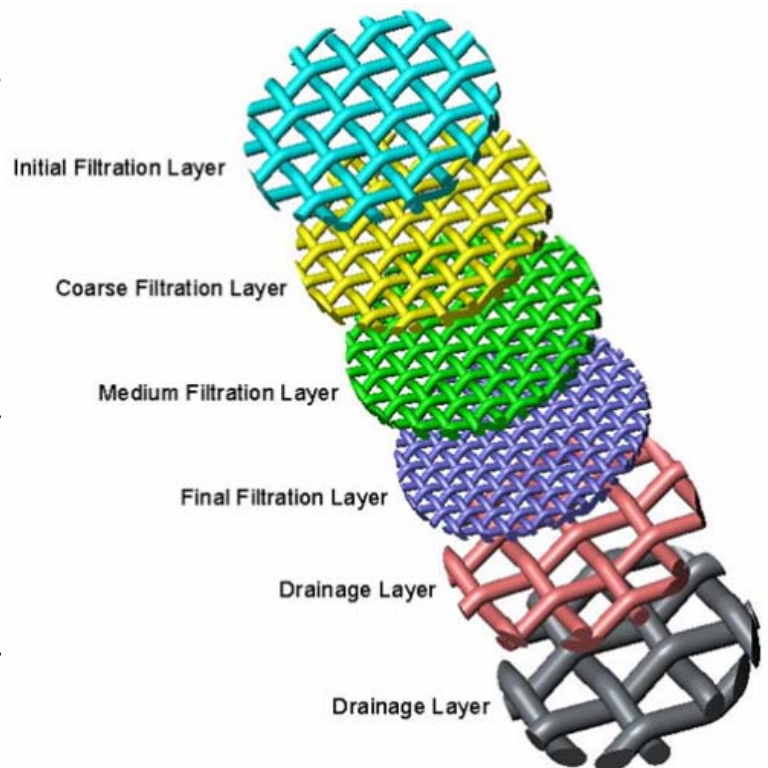
- Standard 316L stainless steel sintered wire cloth media
- Other alloys available, e.g. Alloy 20
- Rigid, durable media
- Fixed pore structure
- High permeability media design
- Available in micron ratings of 75-400

BENEFITS:

- Dramatically improved dirt holding capacity
- Very low resistance to flow
- No media migration

APPLICATIONS:

- Heavy, viscous oils
- Unconsolidated sand formations
- High fines content

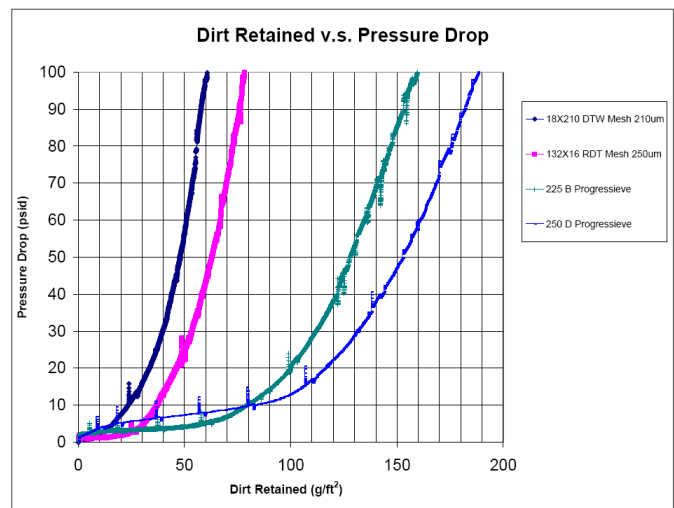
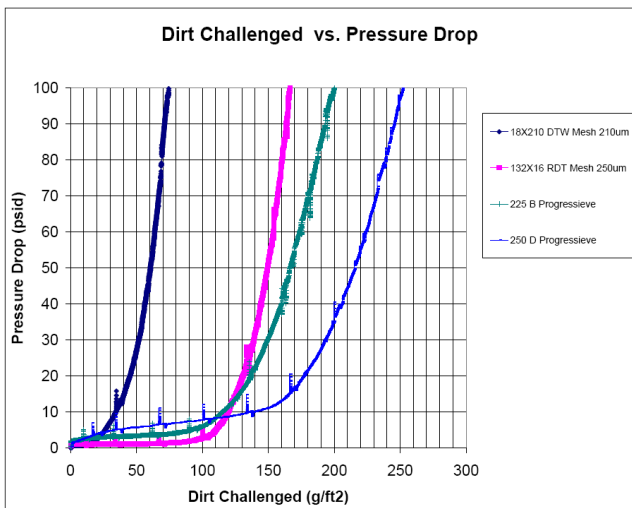


AVAILABLE SIZES:

Pipe Size in.	Overall Length in.	I.D. of screen in.	O.D. of screen in.
1.05	54	1.155	1.46
1.315	54	1.42	1.73
1.66	54	1.765	2.07
1.90	54	1.96	2.26
2.06	54, 102, 150, 198	2.163	2.470
2.38	54, 102, 150, 198	2.475	2.78
2.88	54, 102, 150, 198	2.985	3.28
3.50	54, 102, 150, 198	3.60	3.91
4.00	54, 102, 150, 198	4.10	4.41
4.50	54, 102, 150, 198	4.615	4.92
5.00	54, 102, 150, 198	5.12	5.43
5.50	54, 102, 150, 198	5.625	5.93
6.63	54, 102, 150, 198	6.76	7.06
7.00	54, 102, 150, 198	7.14	7.44



POROPLATE PROGRESSIEVE™ media is made from multiple layers of diffusion-bonded wire cloth designed specifically to provide unique combinations of strength and accurate levels of filtration. **POROPLATE PROGRESSIEVE™** media is constructed from precisely woven wire cloth layers that are designed and arranged to provide the desired filtration characteristics and performance. The material is typically 316L stainless steel, although other special alloys may be substituted for specific applications. The entire structure is then furnace-sintered at ~ 2,000°F in a controlled atmosphere to diffusion bond the individual wires and multiple layers. The sintering process relies on a carefully selected time/temperature curve and pressure to ensure complete metallurgical bonding at every point of contact. The resulting integrated sheet is strong, ductile and corrosion resistant.



Comparative data on **POROPLATE PROGRESSIEVE™** media vs. comparable micron rated competitive screen

DTW = Dutch Twilled Weave RDT = Reverse Dutch Twill

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