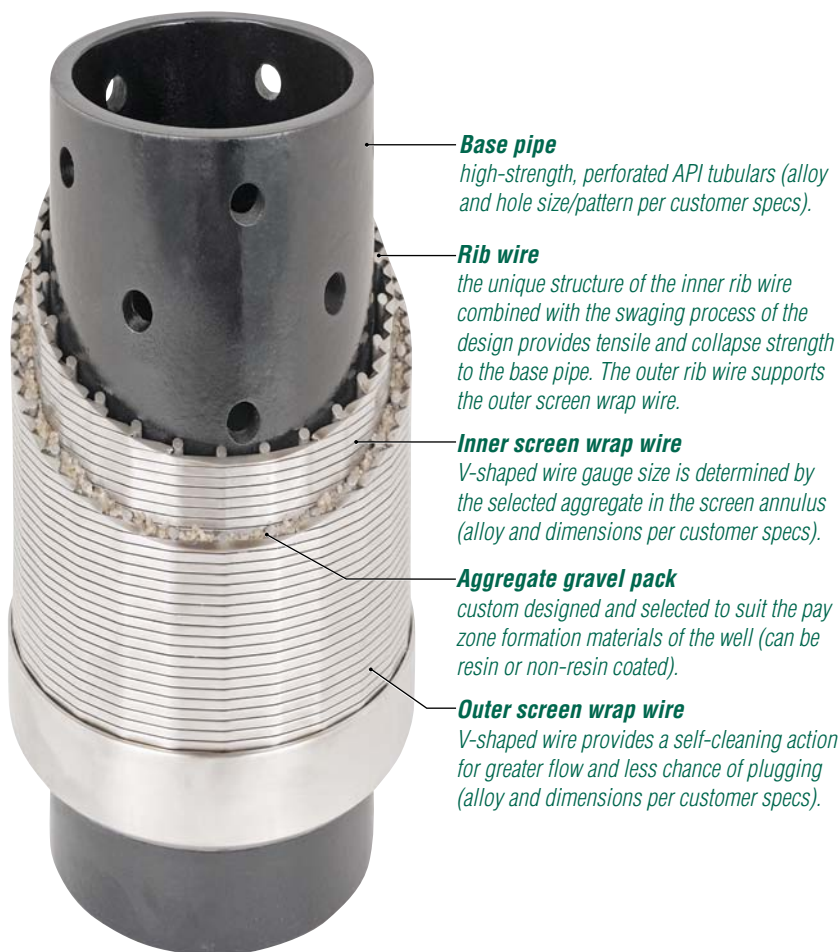


DUAL PRE-PACK/TT™

Pipe-based, wire-wrapped sand control screen for thru-tubing applications

The Dual Pre-Pack/TT pipe-based, wire-wrapped, all-welded screen is a cost-effective sand control system for thru-tubing applications. It consists of a base pipe with two concentric V-shaped wire screens with a 0.084-in. thick integral gravel pack. The aggregate gravel pack can be resin or non-resin coated. The dual screen provides built-in sand control when gravel packing is not feasible.

The Dual Pre-Pack/TT screen is specifically designed for thru-tubing applications and should be considered for shallow wells with expected low production rates and thin pay zones. In well-sorted formation sands, other applications are water injection or steam flood workover wells.



Applications

- Engineered specifically for thru-tubing applications
- Built-in sand control when gravel packing is difficult, not feasible, or too costly
- Shallow wells with thin pay zones
- Numerous workover applications
- Cased or open hole horizontal completions.

ALLOY SCREEN WORKS

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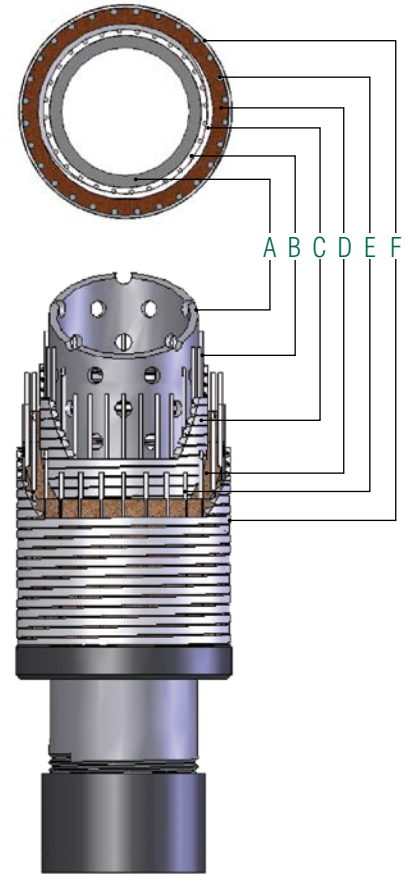
DUAL PRE-PACK/TT™

Pipe-based, wire-wrapped sand control screen for thru-tubing applications

Advantages

- Economical solution when gravel packing is not feasible for thru-tubing applications
- In well-sorted sands, eliminates the need to under-ream and gravel pack a well
- Ideal for low budget workover programs
- Choice of wrap wire and base pipe alloys as well as type and thickness of aggregate gravel pack allows for custom engineering to match specific production environments
- Purpose built for oil, gas or water producing wells and injectors, as well as waterflood, steamflood and disposal wells
- More effective than slotted liners.

- A. Base pipe (alloy and hole size/pattern per customer specs)
- B. Rib wire (to specs)
- C. Inner screen wrap wire (alloy and dimensions per customer specs)
- D. Aggregate gravel pack can be resin or non-resin coated
- E. Rib wire (to specs)
- F. Outer screen wrap wire jacket +/- 0.016 (alloy and dimensions per customer specs)



Base Pipe				Gravel Pack	Perforations		Screen			
OD (in.)	ID (in.)	Weight (lb/ft)	Coupling OD (in.)	Thickness (in.)	Size (in.)	Holes/ft	OD (in.)	Cylinder Area (sq in./ft)	Nominal Diameter (in.)	.006 GA Inlet Area (sq in./ft)
1.050	0.824	1.14	1.313	0.084	3/8	60	1.658	62.47	0.75	5.68
1.315	1.049	1.70	1.66	0.084	3/8	60	1.923	72.46	1.00	6.59
1.660	1.380	2.30	2.05	0.084	3/8	72	2.270	85.53	1.25	7.78
1.900	1.610	2.75	2.20	0.084	3/8	84	2.510	94.58	1.50	8.61
2.060	1.750	3.25	2.50	0.084	3/8	84	2.670	100.61	2.0625	9.15

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