Maxflo SL Thru-Tubing Screens

Improves marginal well performance with damagetolerant and high-open-area metal mesh

Applications

- · Coiled-tubing gravel packs and vent screen frac packs
- Thru-tubing (TT) repair of damaged screens
- Marginal reservoirs requiring minimum investment

Features and Benefits

- High flow area minimizes the rate of pressure buildup.
- Rugged construction withstands aggressive cleanup procedures.
- A wide selection of sintered laminate (SL) media in fixed pore sizes offers optimal sand control; increases production rates by reducing drawdown; reduces friction loss in high-volume wells through high pore volume; and prevents sand flow even after deformation.

Tool Description

Weatherford Maxflo SL TT screens are designed for optimal flow distribution and maximum damage resistance. Maxflo SL screens incorporate a strong, flexible, fusion-bonded media that resists the crushing forces of compacting reservoirs to provide longer-lasting, more reliable sand control. These screens can withstand highly aggressive (more effective) well cleanup procedures.



MaxFlo SL TT screens constructed of sintered laminate repair damaged well screens, optimally distribute flow, and provide sand control.



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Specifications

Measurement

Performance Capabilities									
Sintered Laminate Media	Nominal Pore Size (micron)	Cut Point Size D10 (micron)	Min Air Permeability (SCFM@1 in. H ₂ O)						
	75	85 +/- 10 μm	350						
	125	138 +/- 15 µm	450						
	175	192 +/- 20 µm	550						
x80 8000 20KV 500mm	250	275 +/- 25µm	700						

Mechanical

Screen	Pipe	Base Pipe Size		Screen Coupling		Product	Pipe	
Size	Weight	OD	ID	OD	OD	Weight	Tensile	Minimum
								Tubing Size
1.32 in.	1.70 lb/ft	1.31 in.	1.05 in.	1.81 in.	1.66 in.	2.90 lb/ft	9,380 lb	2-7/8 in., 8.6 lb/ft,
(33.40 mm)	(2.53 kg/m)	(33.401 mm)	(26.65 mm)	(45.97 mm)	(42.16 mm)	(4.32 kg/m)		2.259 ID
1.66 in.	2.30 lb/ft	1.66 in.	1.38 in.	2.16 in.	2.05 in.	3.80 lb/ft	11,950 Ib	3-1/2 in., 12.7 lb/ft,
(42.16 mm)	(3.42 kg/m)	(42.16 mm)	(35.05 mm)	(54.86 mm)	(52.17 mm)	(5.67 kg/m)		2.750 ID
1.90 in.	2.75 lb/ft	1.90 in.	1.61 in.	2.40 in.	2.20 in.	4.40 lb/ft	13,604 Ib	3-1/2 in., 12.7 lb/ft,
(48.26 mm)	(4.09 kg/m)	(48.26 mm)	(40.89 mm)	(60.96 mm)	(55.88 mm)	(6.56 kg/m)		2.750 ID
2.06 in.	3.25 lb/ft	2.06 in.	1.75 in.	2.56 in.	2.50 in.	5.10 lb/ft	14,45 lb	3-1/2 in., 9.2 lb/ft,
(52.40 mm)	(4.84 kg/m)	(52.40 mm)	(44.45 mm)	(65.02 mm)	(63.50 mm)	(7.60 kg/m)		2.995 ID

Note: Screen tensile is perforated L/N 80 base pipe.



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