

Maxflo SL Thru-Tubing Screens

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

Applications

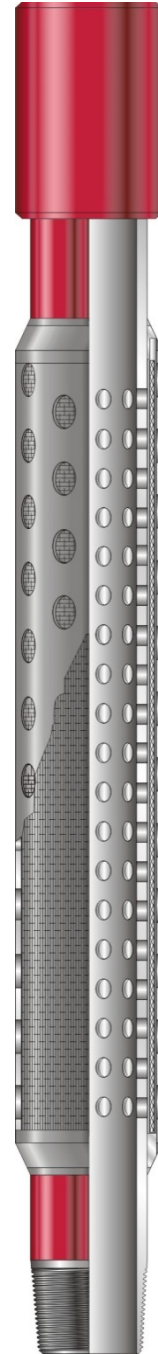
- Coiled-tubing gravel packs and vent screen frac packs
- Thru-tubing (TT) repair of damaged screens
- Marginal reservoirs requiring minimum investment

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.



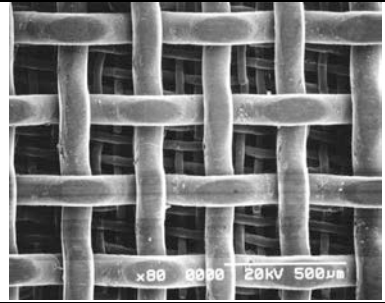
MaxFlo SL TT screens constructed of sintered laminate repair damaged well screens, optimally distribute flow, and provide sand control.



Maxflo SL Thru-Tubing Screens

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
	250	275 +/- 25µm	700

Mechanical

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

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

