

DOWN HOLE FILTER SUB

APPLICATION

- Any operation where filtration of fluid is required

FEATURES

- Robust two piece housing
- Various filter size options
- Choice of tool lengths available
- Replaceable Filter Inserts*
- Easily redressed

ADDITIONAL INFORMATION

- Common sizes are shown, other sizes available on request.
- Tools are manufactured from mild steel as standard. Other materials are available on request.
- Bespoke designs available to suit job specific applications.
- Please specify filter type required at time of order.

OPERATION

The WellEnTech Down Hole Filter Sub can be inserted anywhere within a tool string in order to filter pumped fluids downstream of the Sub. The tool is made up to the BHA in the same way as any other tool. The elongated filter design maximises the amount of debris which can be collected, shorter versions are available for operations where there are height restrictions and BHA lengths have to be kept to a minimum. To swap out the filter or remove it, the top sub is simply removed and the filter pulled out. The filter can be flushed through, reused and re-assembled for future operations.

The WellEnTech Downhole Filter Sub provides a means of filtering fluid within a Bottom Hole Assembly. It prevents any foreign objects, debris or scale from interfering with critical components within a tool string. Particularly useful for the preservation of motors, jetting tools, ESP's, Setting Tools etc. The stainless steel Filter is designed to be reused and is easy to install and remove. A variety of filter sizes are available to filter any size of debris. Various lengths can also be supplied to suit operational requirements.

TECHNICAL SPECIFICATION

OD (Inches)	Connection	Length (Inches)	Tensile Strength (lbs)	Service	Part No.
1.688	1"AMMT	36.00	44,000	H2S	228-1688-A001
			60,500	Std.	228-1688-A002
		18.00	44,000	H2S	228-1688-A011
			60,500	Std.	228-1688-A012
1.750	1-1/4"AMMT	36.00	54,400	H2S	228-1750-A001
			74,800	Std.	228-1750-A002
		18.00	54,400	H2S	228-1750-A011
			74,800	Std.	228-1750-A012
2.125	1-1/2"AMMT	44.00	83,200	H2S	228-2125-A001
			114,400	Std.	228-2125-A002
		24.00	83,200	H2S	228-2125-A011
			114,400	Std.	228-2125-A012
2.875	2-3/8" PAC	46.00	146,500	H2S	228-2875-A001
			201,400	Std.	228-2875-A002
		28.00	146,500	H2S	228-2875-A011
			201,400	Std.	228-2875-A012
3.125	2-7/8" PAC	46.00	151,200	H2S	228-3125-A001
			207,900	Std.	228-3125-A002
		28.00	151,200	H2S	228-3125-A011
			207,900	Std.	228-3125-A012

FILTER OPTIONS

Type	Micron	Inches	Typical Impurities
D	1000 - 1200	0.045"	Course sand and Debris
M	600 - 700	0.025"	Silt and Sediment
X	200 - 300	0.009"	Fine Sand and Silt
XF	100 - 150	0.004"	Very Fine Sand and Dust

