

M-SERIES SHIFTING TOOL

APPLICATION

M-series Shifting Tool is designed to close and/or open reclosable frac sleeves manufactured by Mettoil plant. All operations with the Shifting Tool can be done only after milling out the frac sleeve. The tool is fully selective, allowing specific frac sleeves to be opened or closed without affecting the others.

- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- Shifting Tool is run in on tubing and hydraulically activated.
- To shift the sleeve and open/closed the ports, upward/downward moving should be done.
- Once reclosable frac sleeve is opened/closed, Shifting Tool will release after pressure drop.
- To reestablish circulation if required, tool can be run in hole without the plug, but in this case activation ball should be dropped for the tool hydraulic activation.
- Shifting Tool withstands high tensile loads.

SUPPLY PACKAGE

- M-series Shifting Tool.
- Activation Ball.
- Different sizes of activation plugs.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE
Casing / Liner size, in	5.000
Max OD, in	4.567
Length, ft	5.5
Activation Pressure, psi	145
Max working temperature, °F	248
Tensile, kip	46
Material*	P-110
Activation ball OD, in	0.748

* Other options are available as per Customer request.



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