

M-SERIES MHP MECHANICAL-HYDRAULIC PACKER



M-SERIES
MHP

APPLICATION

M-series Mechanical-Hydraulic Packer is a production packer that can be used for single or multiple-zone completions. It is designed to provide mechanical isolation for downhole pressures. M-series Mechanical-Hydraulic Packer can be also used for stage cementing zone isolation. Packer is set hydraulically without the need for a running tool.

- Non-cemented casings/liners.
- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- M-series MHP does not restrict the liner drift diameter after actuation.
- Milling out is not required.
- The activation pressure of the packer can be adjusted before run in hole by installing the required number of shear screws.
- Mechanical-Hydraulic Packer is securely fixed after activation.
- The tool withstands high tensile loads.
- The tool withstands high differential pressure.

SUPPLY PACKAGE

- M-series MHP Mechanical-Hydraulic Packer.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE							
Liner size, in	4.500	4.500	4.500	4.500	5.500	6.625	7.000	9.875
Max OD, in	5.630	5.819	5.500	5.819	7.913	8.071	8.071	11.102
Min ID, in	3.898	3.898	3.819	3.898	4.764	5.791	6.260	8.622
Length, ft	2.5	3.2	4.9	4.1	5.4	5.0	5.0	4.2
Tensile, kip	202	220	220	220	281	337	281	427
Max working temperature, °F	248	392**	302**	302	248	266	248	266
Max differential pressure, psi	10,000	10,000	14,500	12,500	10,000	5,000	5,000	4,350
Burst, psi	10,000	12,500	14,500	12,500	10,000	6,526	5,000	6,236
Collapse, psi	10,000	12,500	14,500	12,500	10,000	5,000	5,000	4,350
Material*	P-110							

* Other options are available as per Customer request.

** For fluoroelastomer sealings.