

HYDROMECHANICAL PACKER

APPLICATION

The Hydromechanical Packer is designed to isolate treatment zones for multistage hydraulic fracturing in uncemented liner.

DESIGN FEATURES AND ADVANTAGES

- The tool is equipped with the hydraulic lock that prevents premature activation during running;
- The packer is activated by creating pressure from the surface;
- The activation pressure can be adjusted prior to running;
- The inner diameter matches the inner diameter of the work string;
- Tool OD provides accident-free running.



SPECIFICATIONS

Liner size,in	4	4 1/2	4 1/2	5	5 1/2	5 3/4	7
Nominal open hole size, in	4,92	5,6	6,0	6,0	8,5	8,5	8,5
Max open hole size, in	5,51	6,18	6,69	6,69	9,45	9,45	8,70
Tool OD, in	4,57	5,24	5,75	5,75	7,99	7,99	8,10
Tool ID, in	3,46	3,90	3,90	4,41	4,76	4,76	6,27
Activation pressure, psi	2 300	2 300	2 300	2 300	2 000	2 000	1 900
Packer pressure rating at max open hole, psi	10 000	10 000	10 000	10 000	10 000	10 000	5 000
Max working temperature, °F	250	250	250	250	250	250	250
Thread size*	4,0	4,5	4,5	5,0	5,5	5,75	7,0

*Thread type, metallurgy and elastomers are as per Customer`s requirements