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# MCAP<sup>™</sup> Mechanical Casing Annulus Packer

The MCAP<sup>m</sup> is a mechanically set packer designed to seal off the annulus between two casings. It is activated by a drill pipe deployed activation tool, having over pull when latched into the MCAP<sup>m</sup>.

The MCAP<sup>™</sup> is qualified as a gas barrier according to ISO 14998/14310, pressure rating up to 10.000 psi. The MCAP<sup>™</sup> can be used as a stand alone tool for isolation of the annulus between two casing and also in combination with a Cflex where the MCAP<sup>™</sup> will create a fundament for placing cement above.

#### **Benefits**

- Mechanically activated
- Un-restricted ID compared to casing string
- High pressure rating
- High temperature rating
- High tensile and compression ratings

#### Features

- ISO14310 VO qualified
- 10.000 psi pressure rating
- Sour Service qualified

## Specifications

Tool OD inches- mm)	9 5/8" x 13 5/8"	13 5/8" x 18 5/8"
Pressure rating burst-collapse, psi (bar)	10000-9732 (690-671)	6422-3976 (443-274)
Temperature rating °F (°C)	68- 350 (20 - 177)	68-266 (20-130)
ISO 14310 VO qualified	Yes	Yes
Setting range element, in	12 - 12,594	17.249 - 17,981
Typical application	Casing / Tieback Annulus Isolation Packer	Casing / Tieback Annulus Isolation Packer
Type of service	Sour Service / Standard	Sour Service
Elastomer	Aflas / HNBR	Aflas
Conveyance methods	MCAP™ run as part of the casing, activation tool run on drill pipe	MCAP™ run as part of the casing, activation tool run on drill pipe

Contact your Archer Representative for more technical information.

Archer is a global oil services company with a heritage that stretches back over 40 years. With a strong focus on safety and delivering the highest quality products and services, Archer operates in 40 locations over 19 countries providing drilling services, well integrity & intervention, plug & abandonment and decompassioning to its upstream oil and gas clients. We are Archer.





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