

MCAP™

Mechanical Casing Annulus Packer

The MCAP™ 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™.

Benefits

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

The MCAP™ is qualified as a gas barrier according to ISO 14998/14310, pressure rating up to 10.000 psi.

The MCAP™ 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™ will create a fundament for placing cement above.

Features

- AISI14310 VO qualified
- 10.000 psi pressure rating
- Sour Service qualified

Specifications

Typical casing sizes	9 5/8" x 13 5/8"	13 5/8" x 18 5/8"
Pressure rating burst-collapse, psi (bar)	6422-3976 (452-274)	7305-7305 (504-504)
Temperature rating °F (°C)	149- 350 (65 - 177)	68-266 (20-130)
ISO 14310 VO qualified	Yes	Yes
Setting range element, in	12 - 12,592	17,249 - 17,981
Typical application	Casing Annulus Packer - Fundament for cement	Casing Annulus Packer - Fundament for cement
Type of service	Sour Service	Sour Service
Elastomer	Aflas	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

Specifications may be subject to change.



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 decommissioning to its upstream oil and gas clients. **We are Archer.**