



Kinetics Controls & Innovation Ltd

MAC-PAC forms part of the KCI range of sealants which are fully engineered, bespoke solutions for optimising wellhead performance, maintaining or increasing production and extending the life of mature assets and ageing platform wells.

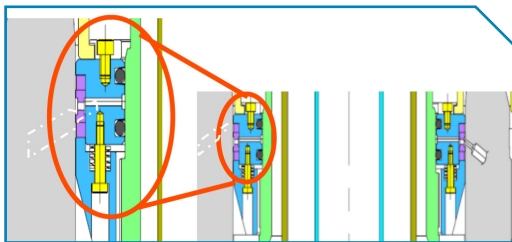
Deployed as a viscous paste MAC-PAC's texture remains consistent through the duration of its lifespan to re-establish pressure retaining barriers and reinstate wellhead integrity. It is an ideal product for mature assets and ageing platform wells.

Overview / Description:

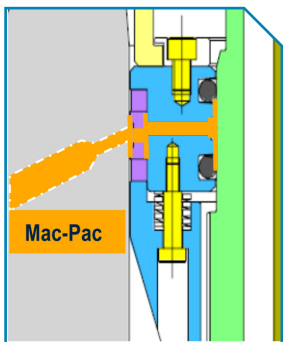
MAC-PAC is a unique product which has been designed to establish or re-establish a pressure retaining barrier within an existing cavity and is suitable for worn, scored or leaking plug, ball and gate valve seat and stem packing areas. This product allows operators to resolve leak sealing issues quickly, safely, successfully, with little or no disruption to production, with a high degree of flexibility to suit short (temporary) or long term applications depending on operational requirements.

MAC-PAC supersedes existing plastic packing products due to its unique properties in providing stability across a number of areas. Mac-Pac can be deployed against pressure with KCI deployment tools up to 15,000psi.

MAC-PAC - Leak Sealing Solution



Wellhead Mandrel / Pack-Off Seal Isolations



Wellhead Mandrel Seal Isolations



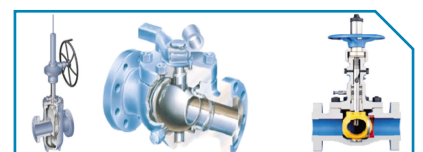
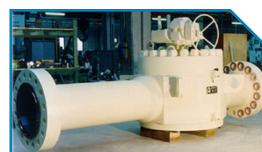
Gas Leak Isolation

Ideal for:

- Ball valve sealing
- Gate valve sealing
- Stem packing
- Pipelines
- Emergency Shut Down Systems
- Energising seals

Features and Advantages:

- Cost effective solution
- Product deployed as a fluid and converts to a solid
- Equalised pressure throughout deployment
- Wide temperature range
- Can be broken down and flushed out
- Can be used to remove existing plastic packing



Seat and Gate Sealing Areas & Stem Packing