

POWER[®]pack - Inject Injectable packings compounds

Product name:	POWER [®] pack - inject	Material data sheet No.:	D - 0056-0-EN	Date:	16. 05. 2022
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- Pumps, Mixers and Valves Packing
- Patented Seal Cage System

POWER[®]pack-inject significantly improves functionality, integrity and reliability of injectable packing compounds.

Material composition:

injectable packing compound for pumps, mixers and valves sealing is based on high quality syntetic fibres blended with carefully selected mixture of lubricants. This unique fibres and lubricant combination allows attain almost zero (visible) leakage.

Properties:

POWERpack-inject packing compound may be injected during operation of machinery. Does not depend on product leakage and/or flush water for lubrication or cooling, the frictional heat build-up that so often leads to gland packing failure is effectively avoided. The sealing compound has extremely low coefficient of friction and non-stick properties help extend equipment life by reducing shaft and sleeve wear.

Benefits:

- easy to install - easy to use
- repacking made easy
- repacking while equipment is operating - no interruption of production, considerably less downtime, longer continuous working periods of equipment
- extremely low coefficient of friction saves the energy, reduces heat build-up and shaft wear
- saves on water and waste water because no flush (cooling water) is required
- operates virtually leakfree
- works well with slightly worn shafts or sleeves because of excellent shape adaptability
- reduces operating costs and extends equipment life

Seal-Cage-System:

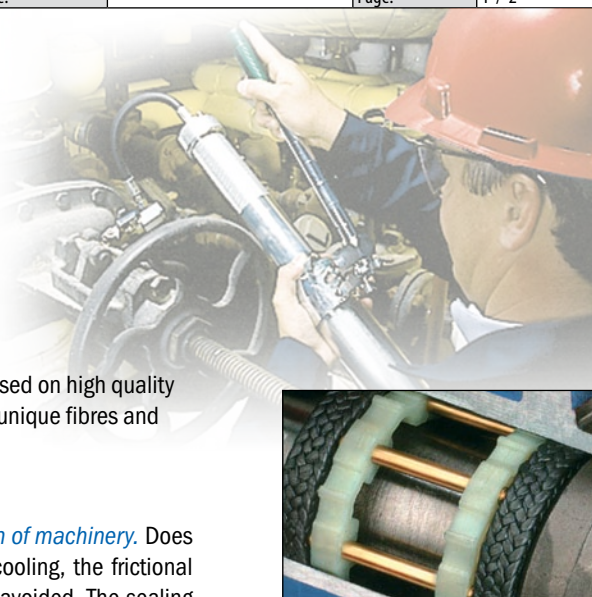
The idea to use a soft, shapeable packing compound instead of - or in conjunction with - relatively tough braided packing rings is not new. But especially the end rings were shifted and shaped in stuffing box without any control and this reason their lifetime was reduced and injectable packing compound consumption was increased. POWERpack Inject patented system improves packing shape stability and compactness considerably, reduces injectable packing compound consumption intensively, increases this sealing system reliability and durability. Shaft wear is reduced.

POWER[®]pack-inject Seal-Cage-System consists of the following parts:

- POWERpack-inject gun kit
- POWERpack-inject packing compounds
- POWERpack-inject Seal-Cage-System

Additional accessories:

- Hand packing cutter
- Packing cutter maintenance kit with spare blade and pocket sharpener
- Two pieces of packing tamping tools and packing extractors
- POWERpack saw kit: mitre box, saw blade, precision knife blade and handle for precise cutting of Seal-Cages
- Master pin pack a + b
- Seal-Cage-System Installation-CD-Rom with text, pictures and videos.



POWERpack - inject 20



A blend of exfoliated graphite particles and high-temperature sacrificial lubricants for extreme service applications.

400 °C (steam 600 °C)

POWERpack - inject 26



A non-staining, non-toxic PTFE fiber blended with FDA-approved lubricants for clean or food grade applications..

260 °C

POWERpack - inject 27



A blend of high performance gPTFE fibers and chemically resistant lubricants..

280 °C