

## INTELLIGENT PACKAGING SYSTEMS FOR OPTIMUM CORROSION PROTECTION OF GROZ-BECKERT PRODUCTS



Climatic influences such as humidity and temperature fluctuations have a permanent impact on Groz-Beckert products and can fundamentally impair their quality as a result of corrosion.

Other causes of quality impairment include dirt, transport damage and similar.

To eliminate these negative influencing factors, Groz-Beckert has developed an effective system of product protection which can comprise up to three components:

- Corrosion protection oil
- Corrosion protection paper
- Packaging

All these components are ideally coordinated to provide a perfectly integrated system of corrosion protection when used in combination.

**This protection concept guarantees the maintenance of quality excellence – the basis of success for Groz-Beckert customers.**

## HOW THE GROZ-BECKERT CORROSION PROTECTION SYSTEM WORKS

### Corrosion protection oil

Forms a closed film, enveloping the product with an active corrosion protection [Fig. 1]

### Corrosion protection paper

Reduces the influence of oxygen and water on the product [Fig. 2]

### Packaging

Prevents damage during transport and storage using dust-proof and breakage-resistant materials [Fig. 3]

### Customer benefits for all Groz-Beckert products

- Optimum corrosion protection
- No optical alteration such as tarnishing or fogging
- No impairment as a result of adhesion or gumming
- Secure packaging keeps dust at bay and protects against breakage

### Recommendation

Groz-Beckert takes its responsibility to society and the environment very seriously. To ensure the safe handling of corrosion protection oil and corrosion protection paper, we recommend wearing gloves. This prevents moisture and perspiration acting on the metal surfaces and possibly resulting in corrosion. At the same time this helps provide skin protection.

How the system packaging works using the example of a knitting needle.



PROTECTIVE FILM WITH CORROSION PROTECTION OIL



CORROSION PROTECTION PAPER



PACKAGING MADE OF BREAKAGE-RESISTANT MATERIAL WITH TAPE