

# Catalog Card

## Belos-PLP contact paste

NK 72782



**BELOS-PLP**

 **PREFORMED** LINE PRODUCTS

### Contact paste for overhead line guides

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#### Description:

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Belos-PLP contact paste has been specially developed to protect aluminum, aluminum alloys and above-ground reinforced steel conductors, grounding conductors and related equipment. The unique combination of additives and base fluids provides exceptional corrosion protection combined with long-term thermal stability, which ensures perfect protection throughout the life of the guide.

Belos-PLP paste uses a non-melting thickener system, which produces a product with a dropping point above 300 ° C and extremely low oil separation at operating temperatures up to 150 ° C. This minimizes oil ingress from the core onto the outer surface of the conductor, which helps reduce the glow effect.

Belos-PLP paste meets the operational requirements of several international and network operator standards - see below.

#### Features and Benefits:

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- Excellent thermal stability maximizes product integrity over the life of the guide.
- Very low oil separation.
- It maintains flexibility up to -40 ° C, prevents cracking and flaking of the paste layer at low ambient temperatures.
- Provides good corrosion protection for steel, galvanized steel, aluminum and aluminum alloy conductor components.
- Reduces frictional wear and pitting on the conductor, which can occur as a result of thermal expansion / contraction and changing weather conditions.

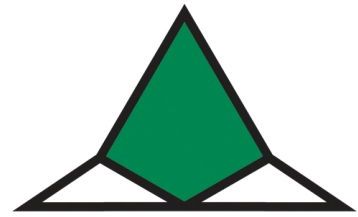


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### Approvals and standards:

- BS EN 50326:2002 with marking 20A150
- IEC 61394:2011 with marking 20A150

The paste is approved:

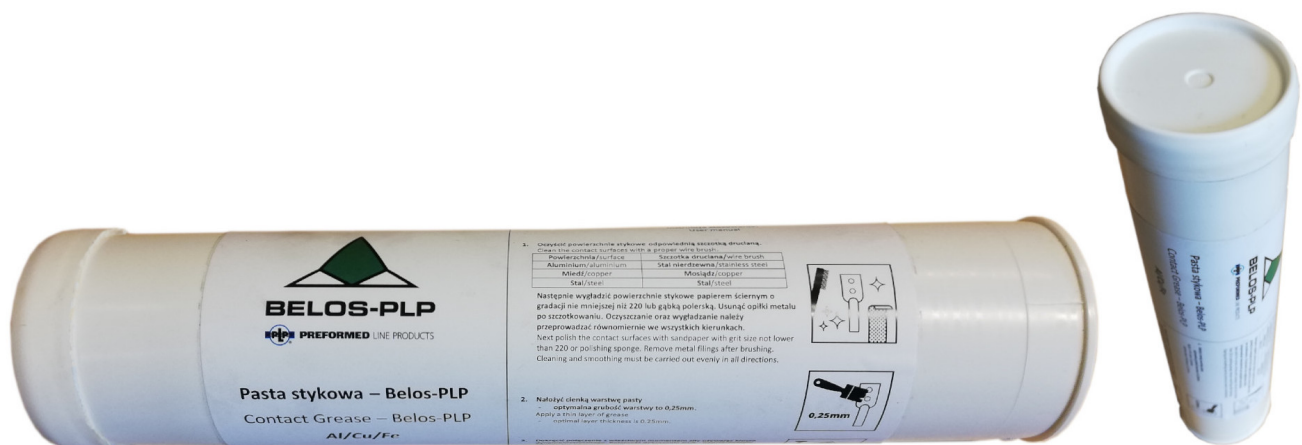
- UK National Network on NGTS 3.4.2
- Eskom, South Africa on 13TB-015

### Recommended instructions for use:

- Do not use the same abrasive tools on copper, steel and aluminum surfaces as this may cause galvanic corrosion.
- The paste has been designed for use at ambient temperatures and does not require heating before use.
- Other types of paste may not be compatible with Belos-PLP paste - thoroughly wash the application equipment to remove residues of previous pastes and avoid incompatibility problems.
- According to BS EN 50326: 2002, the paste is suitable for use in the operating temperature range from  $-20^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ .

### Packaging sizes:

Contact paste is available in 400 g containers.

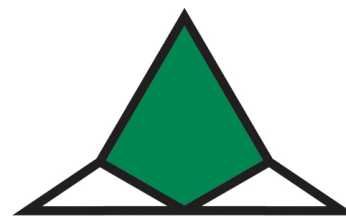


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### Technical specifications (typical values)

Property	Research Method	Test result
Character	MSTM 1	Brown coherent grease
Density at 20 ° C	-	0.94 g.cm <sup>3</sup>
Base oil type	-	Mineral oil
Work penetration	IP50	265 mm/10
NLGI classification	-	2/3
Dropping point	IP132	>300°C
Oil separation 4 hours at 150 ° C	IP121 (modified)	0.03%

### Storage:

- Do not store the contact paste in direct sunlight and protect against frost.
- The storage temperature should be between 5 ° C and 35 ° C

The product information contained in this publication is based on knowledge and experience available at the time of printing. There are many factors beyond our control and knowledge that affect the use and performance of our products, so we are not responsible for them.



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