HITRONIC®

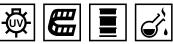


Power chain applications Harsh conditions















- Good chemical resistance
- Extended Line for heavy duty in power chain applications

Benefits

- Well-proven and reliable
- Various applications
- Suitable for all weather conditions
- For indoor and outdoor use

Application range

- In power chains or moving machine parts
- Machine tool building, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works
- Food and beverage industry, especially for production and processing equipment of milk and meat products
- Particularly in wet areas of machine tools and transfer lines
- Resistant to contact with plant, animal or synthetic-based organic oils, greases, waxes and the related emulsions

■ Product features

- Low-adhesive surface
- · Highly resistant to oil and chemicals
- Hydrolysis-resistant to warm and hot water
- In dry, damp or wet interiors with normal mechanical stress conditions
- Designed for 5 up to 10 million bending/ unbending cycles in the power chain.

■ Norm references / Approvals

- Based on VDE 0250 / 0285
- For travel distances up to 100 m (horizontal)
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

LAPP KABEL STUTTGART ÖLFLEX® FD ROBUST (6

■ Product make-up

- Extra-fine wire, tinned copper strands
- Core insulation: TPE
- Cores twisted together in extremely short lay lengths
- Non-woven wrapping
- Robust outer sheath made of special halogen-free TPE, black (RAL 9005)

Technical data

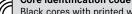


ETIM 5.0 Class-ID: EC000104

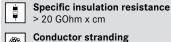
cable

ETIM 5.0 Class-Description: Control Core identification code

ÖLFLEX® ROBUST FD TPE-insulated, numbered, TPE sheath

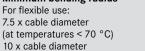


Black cores with printed white numbers (VDE 0293-1)



₩ Extra-fine wire according to VDE 0295,

class 6/IEC 60228 class 6 Minimum bending radius



(at a max. temperature of 105 °C) Fixed installation: 4 x outer diameter



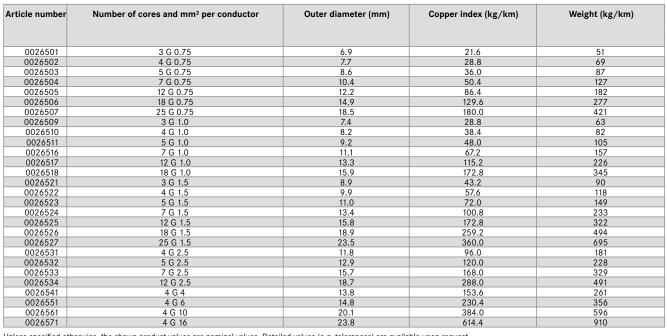


Protective conductor

G = with GN-YE protective conductor X = without protective conductor

Fixed installation: -50 °C to +110 °C Short-term: up to +120 °C

Temperature range Flexing: -40 °C to +105 °C



Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: coil \le 30 kg or \le 250 m, otherwise drum Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Photographs are not to scale and do not represent detailed images of the respective products.

■ Similar products

ÖLFLEX® FD 855 P refer to page 120

■ Accessories

SILVYN® CHAIN cable protection and guiding systems