ÖLFLEX® FD 855 P

TPE-insulated, numbered, PUR sheath, approved

Well-proven and reliable; Various applications; Suitable for all weather conditions; Ideal for export-oriented machinery and equipment manufacturers

- Extended Line for heavy duty in power chain applications
- Smallest bending radii of all FD cables
- UL/cUL approved for North America

Product description

Application range

- In power chains or moving machine parts
- Particularly in wet areas of machine tools and transfer lines
- Mechanical engineering
- Construction machinery
- Assembly lines, production lines, in all kinds of machines

Benefits

- Well-proven and reliable
- Various applications
- Suitable for all weather conditions
- Ideal for export-oriented machinery and equipment manufacturers

ÖLFLEX® FD 855 P

Product Make-up

- Extra-fine wire strand made of bare copper wires (class 6)
- Core insulation: TPE
- Cores twisted together in extremely short lay lengths
- Non-woven wrapping
- PUR outer sheath, grey (RAL 7001)

Norm references / Approvals

- USA: UL AWM Style 21576
  Canada: cUL AWM Style I/II A/B FT2
- Based on VDE 0250 / 0285
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3

Product features

- Low-adhesive surface
- Oil-resistant
- Halogen-free and flame-retardant
  (IEC 60332-1-2)
- In dry, damp or wet interiors with normal mechanical stress conditions
- Designed for 10 million alternating bending cycles and horizontal travel distances up to 100 meter

Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Extra-fine wire according to VDE 0295, class 6/IEC 60228 class 6
Minimum bending radius	For flexible use: 5 x outer diameter Fixed installation: 3 x outer diameter
Nominal voltage	IEC U_0/U: 300/500 V UL: 1000 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Flexing: -40°C to +80°C Fixed installation: -50°C to +90°C according to UL/AWM: -50°C to +80°C