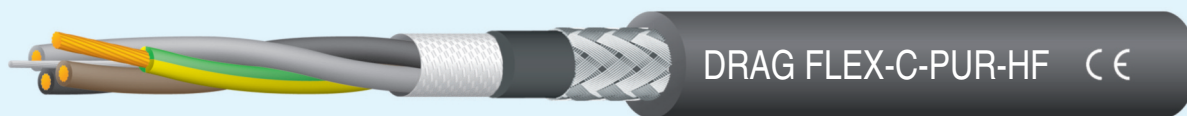


DRAG FLEX-C-PUR-HF

Shielded cable for trolley and conveyor systems, *EMC



Cable structure

- Stranded bare copper conductor according to DIN VDE 0295 a IEC 60228 cl. 5
- Core insulation based on polyester
- Core color coding according to DIN VDE 0293-308, from 6 cores above black with repeated white numbering
- Multicore versions with central textile element
- Inner PUR sheath only for versions with 2, 3, 4 and 5 cores
- PETP overlapped foil
- Tinned copper braided screening, approx. 85% coverage
- Polyester overlapped fleece
- Black PUR outer sheath
- Self-extinguishing and flame retardant PUR according to IEC 60332-1-2
- Halogen-free and oil resistant

Technical data

- Special polyurethan cable according to DIN VDE 0250
- **Temperature at conductor** max. +90 °C
 - **Temperature range**
 - flexing from from -40 °C to +90 °C
 - fixed from from -50 °C to +90 °C
 - **Nominal voltage** U_0/U 0,6/1 kV
 - **Test voltage** 2 500 V
 - **Minimum bending radius** 6× cable diameter

Application

These power and control cables are suitable for very high mechanical requirements, for applications with frequent bending in trolleys, drag chains and moving parts of machinery. The PUR outer sheath makes these cables suitable for outdoor installation as well as indoors or moist and humid areas. Cables are resistant to UV, ozone, lower temperatures, abrasion, weather conditions, oils or fats.

Remarks

*EMC = Electromagnetic compatibility – recommended type
 Max. permissible travelling speed in cable trolleys 240 m/min.
 During installation and operation the tensile stress cannot exceed 15N/m².
CE = the product is conformed to Low Voltage Directive 2014/35/EU.
 Conforms to RoHS.
 Other types and versions available upon request.
 For overview of suitable application see page T12.

Part No.	Number of cores × core cross section [mm ²]	Approx. Ø [mm]	Copper weight [kg/km]	Approx. cable weight [kg/km]
07880001	4 × 1,5	11,4	118,0	220,0
07880002	5 × 1,5	11,6	132,0	225,0
07880003	7 × 1,5	12,2	192,0	240,0
07880004	12 × 1,5	15,4	250,0	359,0
07880005	18 × 1,5	16,2	341,0	418,0
07880006	4 × 2,5	12,7	157,0	248,0
07880007	5 × 2,5	13,4	190,0	277,0
07880008	12 × 2,5	17,6	370,0	526,0
07880009	18 × 2,5	18,4	621,0	642,0
07880010	4 × 4	14,2	221,0	326,0
07880011	5 × 4	15,0	277,0	345,0
07880012	4 × 6	15,8	300,0	414,0
07880013	4 × 10	19,0	454,0	643,0

Part No.	Number of cores × core cross section [mm ²]	Approx. Ø [mm]	Copper weight [kg/km]	Approx. cable weight [kg/km]
07880014	4 × 16	21,9	694,0	935,0
07880015	4 × 25	25,4	1050,0	1361,0
07880016	4 × 35	30,6	1444,0	1871,0
07880017	4 × 50	36,3	2124,0	2552,0
07880018	1 × 25	11,2	310,0	325,0
07880019	1 × 35	12,9	406,0	435,0
07880020	1 × 50	16,0	550,0	605,0
07880021	1 × 70	17,7	747,0	808,0
07880022	1 × 95	19,5	998,0	1035,0
07880023	1 × 120	21,7	1306,0	1321,0
07880024	1 × 150	23,8	1613,0	1643,0
07880025	1 × 185	26,4	1903,0	1994,0
07880026	1 × 240	29,2	2474,0	2488,0