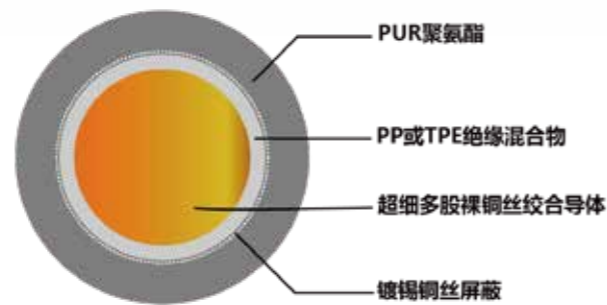


PUR series drag chain cable/Shielded drag chain cable FD-80CP Single-core wire

sketch map



Technical parameter:

Conductor: Ultra-fine multi-stranded bare copper wire stranded conductor. (six categories)

Insulation: PP or TPE insulation mixture.

Core wire color: gray; Other colors can be customized as needed.

Shielding layer: Tinned copper wire woven shielding, optical coverage of about 85%

Outer sheath: PUR polyurethane, adjusted to meet drag chain requirements; Colors can be matched according to customer requirements

Minimum bending radius: mobile application: 8xd; Fixed installation: 4xd

Operating temperature range: Mobile installation: -20°C to + 80°C;

Fixed installation: -40°C to +80°C.

Rated voltage: 450/750V

Test voltage: 4000V

Product characteristics:

Has excellent wear resistance, bending resistance, and oil resistance;

Flame retardant according to IEC 60332-1-2, CEI 20-35 FT1, VW-1;

Designed for up to 5 million bending cycles in power drag chains.

Application scope:

Mechanical manufacturing, machine tool equipment, automated production lines; Can come into contact with oil stains• Mobile applications under moderate mechanical stress

Equipped with high-density woven layer, more suitable for anti electromagnetic interference situations

Product standards:

Material code	Number of cores and nominal cross-section of conductorsmm ²	Approximate outer diameter [mm ²]	Cable weight kg/km
FD-80CP-1-2.5	1x2.5	5.7	62
FD-80CP-1-4.0	1x4.0	7.2	81
FD-80CP-1-6.0	1x6.0	8.6	137
FD-80CP-1-10.0	1x10.0	9.7	224
FD-80CP-1-16.0	1x16.0	11.2	293
FD-80CP-1-25.0	1x25.0	12.5	407
FD-80CP-1-35.0	1x35.0	15.1	604
FD-80CP-1-50.0	1x50.0	17.1	805
FD-80CP-1-70.0	1x70.0	19.4	1078

