

MURR T-Flex High Flex Weld Cable

85812000

1x35mm²

Application

- Weld applications
- Suitable for continuous flexing applications in drag chains and automated/robotic applications
- PUR cable jacket, low adhesion and abrasion resistant
- Exceptional for industrial environments in mechanical engineering
- Suitable for torsional applications
- Free of silicone and PWIS

Construction

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|----------------------------|-------------------------------------|
| ▪ Conductors/Cross Section | 1x35mm ² |
| ▪ Jacket Material | PUR HFFR matt surface, low adhesion |
| ▪ Color | Black |
| ▪ Outer Diameter | 12.8mm ±0,50mm |
| ▪ Wrapping | Overall fleece |
| ○ 1x35mm ² | |
| ▪ Conductor Category | DIN VDE 0295 / IEC 60228 class 6 |
| ▪ Insulation material | TPE |
| ▪ Conductor Jacket Color | Black |

Technical Data

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|-------------------------|--------------------------|
| ▪ Operating Voltage | 0,6/1kV |
| ▪ Test Voltage | 3kV |
| ▪ Torsional Angle | ±180°/m |
| ▪ Min. Bend radius | 5xø (optimal 10xø) |
| ▪ Cable Weight | 426,7 Kg/Km |
| ▪ Copper Weight | 320,9 Kg/Km |
| ▪ Operating Temperature | -40°C to +80°C |
| ▪ Oil Resistance | UL 758 and EN 50363-10-2 |
| ▪ Flame Retardant | UL-94 Classification V2 |