

ÖLFLEX® ROBUST 200

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Application

ÖLFLEX® ROBUST 200 cables are connecting cables for flexible use and fixed installation for a robust mechanical use. They are for use in dry, damp and wet rooms. Under following to the indicate temperature range is an use outside possible. At room temperature they are increased resistant against acids, caustics solutions and certain oils, greases, waxes of vegetable, animal, mineral and/or synthetic basis. ÖLFLEX® ROBUST 200 cables are used as flexible connecting cable in machine tool manufacture, plant engineering, in power stations, in heating and air conditioning installations, agriculture, food-, pharmaceutical- and cosmetically industry, in composting- and sewage plants, by the production of textile fiber, of water based purification plants by industrial and private use. Suitable for freely moved, not permanently recurrent movement without forced guidance and tensile stress.

Technical data

Design	based on HD 22.10 S2 resp. VDE 0282-10
Conductor	bare copper, fine wire strand in accordance to IEC 60228 resp. VDE 0295, class 5
Core insulation	Special PP based compound
Identification	up to 5 cores coloured acc. to HD308 S2 resp. VDE 0293-308 more than 6 cores: Black cores with white numbers with or without GN/YE ground conductor acc. to DIN EN 50334 resp. VDE 0293-334
Outer sheath	TPE compound, black
Nominal voltage	450 / 750 V
Test voltage	4000 V AC
Min. bending radius	occasional flexing: 10 x cable diameter fixed installation: 4 x cable diameter
Temp. range	occasional flexing : -40 up to +80° C max. conductor temperature fixed installation -50 up to +80° C max. conductor temperature
Tests	acc. to IEC 60811 resp. VDE 0473 and VDE 0472
EC directive	This cable is conform to ECD 2006/95/EC (Low Voltage Directive).