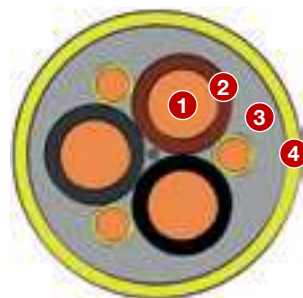


UTVFLEX® - PUR TM HF

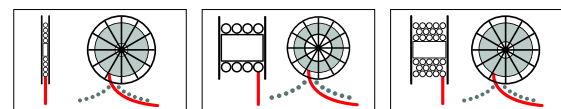
DIN VDE 0250 Part 812 approved

Power Supply to Mobile equipment with high risk of mechanical damage in mining and tunneling. UTVFLEX® cable is suitable for applications where it is deflected in one plane only. Maximum Speed 60 m/min.



- 1 PHASE CONDUCTORS**
MATERIAL: bare copper
CONSTRUCTION: class 5 acc. to IEC 60228
- 2 INSULATION**
MATERIAL: EPR rubber compound
- 3 INNER SHEATH**
MATERIAL: PVC compound
- 4 OUTER SHEATH**
MATERIAL: Halogen free polyurethane
COLOUR: Yellow
STANDARD REFERENCE: based on AC specifications

APPLICATION



ELECTRICAL WORKING DATA

Nominal rated voltage U_0 / U	kV	0,6/1
Test voltage	kV	4

THERMAL WORKING DATA

Maximum short circuit temperature	°C	250
Maximum working temp. on the conductor	°C	90
Minimum ambient temperature	°C	Mobile condition: -30

MECHANICAL WORKING DATA

Bending radius	mm	According to VDE 0298 Part 3
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CHEMICAL WORKING DATA

Weather resistance	For indoor and outdoor application
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CROSS SECTION	APPROX CONDUCTORS	MIN OUTER	MAX OUTER	APPROX WEIGHT
Nr × mm ²	∅ mm	∅ mm	∅ mm	kg/km
3×25 + 3G16/3	6,1/2,9	24,6	27,6	1330
3×35 + 3G16/3	7,2/2,9	26,9	30,1	1670
3×50 + 3G25/3	8,9/3,8	31,1	34,6	2350
3×70 + 3G35/3	10,6/4,9	34,7	38,5	3160
3×95 + 3G50/3	12,3/4,9	39,1	43,3	3990
3×120 + 3G70/3	13,8/6,1	43,7	48,3	5180
3×150 + 3G70/3	15,5/6,1	48,8	53,7	6250
3×185 + 3G95/3	17,0/7,2	52,7	58,0	7650
3×240 + 3G120/3	19,5/8,9	59,1	64,9	9740