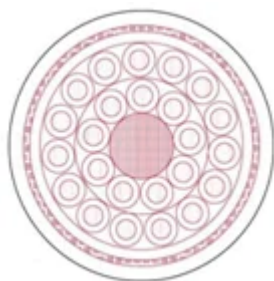




INNOVCABLE REELFLEX PUR-HF



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: INNOVLON special compound
- Vein colours: Black or white sequentially numbered veins with or without green earth (G) according to VDE 0293.
- Layered twisted conductors.
- Central textile element.
- Inner jacket: PUR special for mobile use.
- Textile fabric between inner and outer sleeve.
- Outer jacket: PUR special for mobile applications, resistant to hydrolysis, oxidation, heat, low temperature flexibility, abrasion, oils, greases, lubricants, coolants, gasoline, paraffin, UV resistance, ozone and weathering.
- Black outer cover.
- Rated voltage: 0,6/1KV.
- Test voltage: 2500V
- Bending radius: Fixed use: 12 x d / Mobile use: 6 x d
- Conductor resistance: According to VDE 0295 class 5 and IEC 60228 class 5.
- Insulation resistance: Min.20 MΩX Km at 20°C.



Identification

INNOVCABLE REELFLEX PUR-HF n (G) X mm² 0,6/1KV OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

VDE 0293

DIN EN 60332-1 (optional) see notes.

DIN VDE 0250

Applications

Halogen-free cable for heavy-duty winders (vertical and horizontal), highly flexible for lifts or lifting systems, conveyor installations, mobile motors, railway engines and agricultural and construction site devices. Excellent life time and resistance to mechanical stress. Resistant to hydrolysis, oxidation, heat, low temperature flexibility, abrasion, oils, greases, lubricants, coolants, gasoline, paraffin, UV resistance, ozone and weathering. Reduced diameter and weight compared to other cables. Used for speeds up to 180 m/min. Permanent tensile load without the supporting element max. 25 N/mm². Can be used up to 50 m deep in water.

Maximum Conductor Temperature

Min/max: -40° C / +90° C

Notes



- We can produce upon request several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.
- On request we can produce PUR AC (flame retardant) cables with fire performance: according to IEC 60332-1



DADOS DIMENSIONAIS

Dimensional x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km	Carga de ruptura N
REELFLEXPUR-HF-O				
3X(2X1)C	17,0	125,0	420,0	1.200
6X(2X1)C	23,0	265,0	597,0	2.600
REELFLEXPUR-HF-J				
4X1,5	11,2	61,0	155,0	1.340
5X1,5	11,8	81,0	178,0	1.690
7X1,5	13,5	115,0	218,0	2.150
12X1,5	17,0	196,0	363,0	2.600
18X1,5	18,1	271,0	459,0	2.600
24X1,5	20,9	392,0	590,0	2.800
30X1,5	24,0	450,0	720,0	2.900
42X1,5	28,0	633,0	920,0	2.900
4X2,5	12,3	99,0	208,0	1.345
5X2,5	13,0	125,0	230,0	2.100
7X2,5	14,7	180,0	315,0	2.550
12X2,5	20,5	308,0	485,0	2.900
18X2,5	20,5	451,0	679,0	3.450
24X2,5	23,6	616,0	860,0	3.200
30X2,5	28,2	771,0	1.080,0	4.200
36X2,5	30,0	930,0	1.320,0	4.500
4X4	13,6	160,0	281,0	1.690
14X4	25,3	616,0	800,0	6.000
4X6	14,9	241,0	372,0	1.860
4X10	18,9	404,0	615,0	2.300
4X16	22,1	645,0	924,0	2.800
4X25	25,5	1.005,0	1.222,0	3.300
4X35	30,0	1.417,0	1.778,0	3.300
5X4	14,5	200,0	318,0	2.500
5X6	16,1	317,0	435,0	3.000
5X10	20,5	528,0	704,0	3.000
5X16	24,2	816,0	1.067,0	3.000
4X16+2X(4X1,5)C	25,6	840,0	1.184,0	2.110
5X4+10X2,5	21,0	478,0	660,0	400
19X2,5+5X1,5(C)	23,8	563,0	850,0	2.900
25X1,5+5X1,5(C)	23,4	635,0	704,0	2.900
8X6X2,5	45,2	1.152,0	2.485,0	4.000

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