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HEAT RESISTANT CABLES ÖLFLON® PTFE single cores

PTFE differs from the FEP types only at upper temperature levels. PTFE is able to withstand continuous temperatures of +260°C and is waterproof and resistant to outside conditions as well as chemical attack from acids, alkalis, solvents and oils. Used in consistently high temperature areas this cable has been approved to MIL standards for military use.

SPECIFICATION

Strands made of silver-plated copper wires, core insulation made of PTFE, flame-retardant.

TECHNICAL DATA

Minimum bending radius for flexing: flexing: 10 x cable diameter

Temperature range: -190°C to + 260°C
peak: + 300°C

Working voltage: 600 V

Conductor stranding: to MIL-W 16878 specification



ÖLFLON® PTFE single cores

No. of cores and mm ² per conductor	Part Number	Approx. outside diameter in mm	No. of cores and mm ² per conductor	Part Number	Approx. outside diameter in mm
0.08 (AWG 28/7)	0094 ...	0.89	0.57 (AWG 20/19)	0102 ...	1.47
0.14 (AWG 26/7)	0095 ...	0.99	0.90 (AWG 18/7)	0103 ...	1.74
0.14 (AWG 26/7)	0096 ...	0.99	0.95 (AWG 18/19)	0104 ...	1.74
0.14 (AWG 26/19)	0097 ...	1.12	1.23 (AWG 16/19)	0105 ...	2.04
0.21 (AWG 24/7)	0098 ...	1.12	1.94 (AWG 14/19)	0106 ...	2.42
0.24 (AWG 21/19)	0099 ...	1.27	3.20 (AWG 12/19)	0107 ...	2.87
0.35 (AWG 22/7)	0100 ...	1.27	4.72 (AWG10/37)	0108 ...	3.40
0.38 (AWG 22/19)	0101 ...	1.47			
0.57 (AWG 20/7)					
COLOUR CODE					
000 = green / yellow	005 = yellow	010 = transparent			
001 = black	006 = green	104 = red			
002 = blue	007 = violet	105 = white			
003 = brown	008 = Pink	106 = grey			
004 = beige	009 = orange				

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FOR TEMPERATURES UP TO +105 °C

[LAPPTHERM[®]_105](#)

FOR TEMPERATURES UP TO +145 °C

[LAPPTHERM[®]_145](#)

FOR TEMPERATURES UP TO +180 °C

[SILFLEX[®]_SiF, SiF/GL, SiD, SiD, SiZ, FZLSi](#)

FOR TEMPERATURES UP TO +180 °C

[SILFLEX[®]_SiHF](#)

[SILFLEX[®]_EWKF \(N2GMH2G\)](#)

[SILFLEX[®]_EWKF + C](#)

[SILFLEX[®]_SiHF / GLS](#)

FOR TEMPERATURES UP TO +205 °C

[ÖLFLON[®]_FEP single cores](#)

[ÖLFLON[®]_FEP cable](#)

FOR TEMPERATURES UP TO +260 °C

[ÖLFLON[®]_PTFE single cores](#)

[ÖLFLON[®]_PTFE/GLS cable](#)

FOR TEMPERATURES UP TO +260 °C

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