



TE

UL file no. E 69837 (M)

PTFE single core with UL approval

Construction

Conductor: Conductor construction and material according to table below
 Insulation: PTFE acc. to UL standards 62 and 83
 Colour: On request
 Identification: Print or temperature marker (stripe)***

Application

For internal wiring of appliances according to corresponding style approvals

Technical data

Temperature range: - 190 °C up to max. + 250 °C
 Rated voltage: 125 - 1000 V
 Test voltage: Acc. to style approvals
 Flame test: FT1

Notes

→ The itemized cables are also available
 - with combined UL/CSA approvals
 - screened, UL approved construction
 → UL/CSA approved cables with additional insulation materials refer to pages 143 onwards.

UL Style*	AWG*	average thickness [mm]	wall	range*		conductor construction	
				temperature [°C]	voltage [Volt]	material	solid / stranded
1164	32 - 10	0,33		150	300*	spc, npc, pure nickel, NiCr-alloy	x x
1180	32 - 10	0,33		200	300*	spc, npc, pure nickel, NiCr-alloy	x x
1198	30 - 10	0,51		150	600*	spc, npc, pure nickel, NiCr-alloy	x x
	8 - 2	0,77		150	600*	spc, npc, pure nickel, NiCr-alloy	x x
	1 - 4/0	1,15		150	600*	spc, npc, pure nickel, NiCr-alloy	x x
1199	30 - 10	0,51		200	600*	spc, npc, pure nickel, NiCr-alloy	x x
	8 - 2	0,77		200	600*	spc, npc, pure nickel, NiCr-alloy	x x
	1 - 4/0	1,15		200	600*	spc, npc, pure nickel, NiCr-alloy	x x
1212	36 - 16	0,20		80	-----	spc, npc, pure nickel, Cw sp	x x
1213	32 - 20	0,20		105	-----	spc, npc, pure nickel, Cw sp	x x
1371	36 - 20	0,14		105	-----	bare copper, tpc, spc, npc, pure nickel	x x
	19 - 16	0,20		105	-----	bare copper, tpc, spc, npc, pure nickel	x x
	15 - 10	0,33		105	-----	bare copper, tpc, spc, npc, pure nickel	x x
	9 - 6	0,51		105	-----	bare copper, tpc, spc, npc, pure nickel	x x
1512	16 - 14	0,25		105	-----	spc, npc	x
1538	36 - 20	0,14		105	125*	tpc, spc, npc, pure nickel, Cw sp	x x
	19 - 15	0,2		105	125*	tpc, spc, npc, pure nickel, Cw sp	x x
	14 - 10	0,33		105	125*	tpc, spc, npc, pure nickel, Cw sp	x x
	9 - 6	0,51		105	125*	tpc, spc, npc, pure nickel, Cw sp	x x
1577	32 - 16	0,3		200	-----	tpc, spc, npc, pure nickel	x x
1584	30 - 10	0,56		200	1000	tpc, spc, npc, alloy sp	x x
1659**	26 - 10	0,51		250	600*	npc, pure nickel, Cw sp	x x
	8 - 2	0,77		250	600*	npc, pure nickel, Cw sp	x x
	1 - 4/0	1,15		250	600*	npc, pure nickel, Cw sp	x x