The Appendix is an integral part of
Certificate of Accreditation No. 199/2025 of 28/04/2025

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Prysmian Kabely, s.r.o.
CAB number 1773, Testing Laboratory
Třebíčská 777/99, 594 01 Velké Meziříčí

Tests:

Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1	Diameter measurement	ISO 19642-2, cl. 5.2.1; ISO 19642-2:2019, cl. 5.1.2; ISO 6722-1, cl. 5.1; ISO 14572, cl. 5.1; FORD ES-AU5T-1 A348-AA, cl. 3.5; STD 525-0001, cl. 5.1; STD 525-0004, cl. 5.1; MS.90034/2, cl. 8.2.1.1; ČSN EN 60811-203	Electrical cables	-
2	Thickness measurement of insulations and sheaths	ISO 19642-2, cl. 5.2.2; ISO 19642-2:2019, cl. 5.1.3; ISO 6722-1, cl. 5.2; ISO 14572, cl. 5.3; FORD ES-AU5T-1A348-AA, cl. 3.9; STD 525-0001, cl. 5.2; STD 525-0004, cl. 5.2; MS.90034/2, cl. 8.2.1.2; ČSN EN 60811-201; ČSN EN 60811-202	Electrical cables	-
3	Conductor diameter measurement	ISO 19642-2, cl. 5.2.3; ISO 19642-2:2019, cl. 5.1.4; ISO 6722-1, cl. 5.3; STD 525-0001, cl. 5.3; MS.90034/2, cl. 8.2.1.3	Electrical cable cores	-
4	Conductor cross-sectional area (CSA) measurement	ISO 19642-2, cl. 5.2.4, method 2; ISO 19642-2:2019, cl. 5.1.5, method 2; FORD ES-AU5T-1 A348-AA, cl. 3.7.1; MS.90034/2, cl. 8.2.1.4	Electrical cable cores	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
5	Conductor effective resistance measurement	ISO 19642-2, cl. 5.3.1; ISO 19642-2:2019, cl. 5.2.1; ISO 6722-1, cl. 5.4; FORD ES-AU5T-1A348-AA, cl. 3.10.1; STD 525-0001, cl. 5.4; STD 525-0004, cl. 6.1; MS.90034/2, cl. 8.2.2.1; ČSN EN 60228 Annex 1	Electrical cable cores	-
6	High voltage test	ISO 19642-2, 5.3.3; ISO 19642-2:2019, 5.2.3; ISO 6722-1, cl. 5.5; ISO 14572, cl. 5.5; FORD ES-AU5T-1A348-AA, cl. 3.10.2; MS.90034/2, cl. 8.2.2.2; STD 525-0001, cl. 5.5; STD 525-0004, cl. 6.2	Electrical cables	-
7	High voltage test after environmental tests	ISO 19642-2, 5.3.4; ISO 19642-2:2019, 5.2.4; FORD ES-AU5T-1A348-AA, cl. 3.10.2.2; STD 525-0004, cl. 6.2; STD 525-0001, cl. 5.5.1.1; MS.90034/2, cl. 8.2.2.3	Electrical cables	-
8	Insulation volume resistivity measurement	ISO 19642-2, cl. 5.3.6; ISO 19642-2:2019, cl. 5.2.6; ISO 6722-1, cl. 5.7; FORD ES-AU5T-1A348-AA, cl. 5.10.4; STD 525-0001, cl. 5.7; STD 525-0004, cl. 6.4; MS.90034/2, cl. 8.2.2.5	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9	Insulation and sheath strip force measurement	ISO 19642-2, cl. 5.4.1; ISO 19642-2:2019, cl. 5.3.1; ISO 6722-1, cl. 5.9; ISO 14572, cl. 5.8; STD 525-0001, cl. 5.9; STD 525-0004, cl. 7.2; MS.90034/2, cl. 8.2.3.2	Electrical cables	-
10	Abrasion resistance test	ISO 19642-2, cl. 5.4.2.4, 5.4.2.5; ISO 19642-2:2019, cl. 5.3.2.4, 5.3.2.5; ISO 6722-1, cl. 5.12; ISO 14572, cl. 5.12; FORD ES-AU5T-1A348-AA, cl. 3.11.4; STD 525-0001, cl. 5.12; STD 525-0004, cl. 7.5; MS.90034/2, cl. 8.2.3.3	Electrical cables	-
11	Finished cable breaking force measurement	ISO 19642-2, cl. 5.4.3; ISO 19642-2:2019, cl. 5.3.3; STD 525-0001, cl. 5.24; MS.90034/2, cl. 8.2.3.4	Electrical cables	-
12	Cable flexibility measurement	ISO 19642-2, cl. 5.4.5; ISO 19642-2:2019, cl. 5.3.5; FORD ES-AU5T-1A348-AA, cl. 3.16; STD 525-0001, cl. 5.30; STD 525-0004, cl. 7.18; MS.90034/2, cl. 8.2.3.6	Electrical cables	-
13	Test of long term heat ageing, 3000h	ISO 19642-2, cl. 5.5.2; ISO 19642-2:2019, cl. 5.4.2; ISO 6722-1, cl. 5.13; ISO 14572, cl. 5.13; FORD ES-AU5T-1A348-AA, cl. 3.11.6; STD 525-0001, cl. 5.13; STD 525-0004, cl. 7.6; MS.90034/2, cl. 8.3.4.2	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
14	Test of short term heat ageing, 240h	ISO 19642-2, cl. 5.5.3; ISO 19642-2:2019, cl. 5.4.3; ISO 6722-1, cl. 5.14; ISO 14572, cl. 5.14; FORD ES-AU5T-1A348-AA, cl. 3.11.5; STD 525-0001, cl. 5.14; STD 525-0004, cl. 7.7; MS.90034/2, cl. 8.3.4.3	Electrical cables	-
15	Thermal overload test	ISO 19642-2, cl. 5.5.4; ISO 19642-2:2019, cl. 5.4.4; ISO 6722-1, cl. 5.15; ISO 14572, cl. 5.15; FORD ES-AU5T-1A348-AA, cl. 3.11.7; STD 525-0001, cl. 5.15; STD 525-0004, cl. 7.8; MS.90034/2, 8.3.4.4	Electrical cables	-
16	Pressure test at high temperature	ISO 19642-2, cl. 5.5.5; ISO 19642-2:2019, cl. 5.4.5; ISO 6722-1, cl. 5.8; ISO 14572, cl. 5.7; FORD ES-AU5T-1A348-AA, cl. 3.11.1; STD 525-0001, cl. 5.8; STD 525-0004, cl. 7.1; MS.90034/2, 8.3.4.5; ČSN EN 60811-508	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
17	Measurement of shrinkage by heat	ISO 19642-2, cl. 5.5.6; ISO 19642-2:2019, cl. 5.4.6; ISO 6722-1, cl. 5.16; ISO 14572; cl. 5.16; FORD ES-AU5T-1A348-AA, cl. 3.11.8; STD 525-0001, cl. 5.16; STD 525-0004, cl. 7.9; MS.90034/2, cl. 8.3.4.6; ČSN EN 60811-502; ČSN EN 60811-503	Electrical cables	-
18	Low temperature winding test	ISO 19642-2, cl. 5.5.7, 5.5.1.4, 5.5.1.5, 6.5.1.4, 6.5.1.5; ISO 19642-2:2019, cl. 5.4.7, 5.4.1.4, 5.4.1.5, 6.4.1.4, 6.4.1.5; ISO 6722-1, cl. 5.10; ISO 14572, cl. 5.10; FORD ES-AU5T-1A348-AA, cl. 3.11.2; STD 525-0001, cl. 5.10; STD 525-0004, cl. 7.3; MS.90034/2, cl. 8.3.4.7	Electrical cables	-
19	Cold impact test	ISO 19642-2, cl. 5.5.8; ISO 19642-2:2019, cl. 5.4.8; ISO 6722-1, cl. 5.11; ISO 14572, cl. 5.11; FORD ES-AU5T-1A348-AA, cl. 3.11.3; STD 525-0001, cl. 5.11; STD 525-0004, cl. 7.4; MS.90034/2, cl. 8.3.4.8; ČSN EN 60811-506	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
20	Temperature and humidity cycling test	ISO 19642-2, cl. 5.5.9; ISO 19642-2:2019, cl. 5.4.9; ISO 6722-1, cl. 5.21; ISO 14572, cl. 5.20; FORD ES-AU5T-1A348-AA, cl. 3.13; STD 525-0001, cl. 5.21; STD 525-0004, cl. 7.15; MS.90034/2, cl. 8.3.4.9	Electrical cables	-
21	Test of resistance to hot water	ISO 19642-2, cl. 5.5.10; ISO 19642-2:2019, cl. 5.4.10; ISO 6722-1, cl. 5.20; FORD ES-AU5T-1A348-AA, cl. 3.11.11; STD 525-0001, cl. 5.20; STD 525-0004, cl. 7.14; MS.90034/2, cl. 8.2.4.10	Electrical cables	-
22	Test of resistance to liquid chemicals	ISO 19642-2, cl. 5.5.11; ISO 19642-2:2019, cl. 5.4.11; ISO 6722-1, cl. 5.17 method 1, method 2; ISO 14572, cl. 5.17; FORD ES-AU5T-1A348-AA, cl. 3.12; STD 525-0001, cl. 5.17; STD 525-0004, cl. 7.10; MS.90034/2, cl. 8.2.4.11	Electrical cables	-
23	Test of durability of cable marking	ISO 19642-2, cl. 5.5.12; ISO 19642-2:2019, cl. 5.4.12; ISO 6722-1, cl. 5.18; FORD ES-AU5T-1A348-AA, cl. 3.15; STD 525-0001, cl. 5.18; STD 525-0004, cl. 7.12; MS.90034/2, cl. 8.2.4.12	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
24	Test of stress cracking resistance	ISO 19642-2, cl. 5.5.13; ISO 19642-2:2019, cl. 5.4.13; MS.90034/2, cl. 8.2.4.13;	Electrical cables	-
25	Ozone resistance test	ISO 19642-2, cl. 5.5.14; ISO 19642-2:2019, cl. 5.4.14; ISO 6722-1, cl. 5.19; ISO 14572, cl. 5.19; FORD ES-AU5T-1A348-AA, cl. 3.14; STD 525-0001, cl. 5.19; STD 525-0004, cl. 7.13; MS.90034/2, cl. 8.2.4.14	Electrical cables	-
26	Test of resistance to flame propagation	ISO 19642-2, cl. 5.5.15; ISO 19642-2:2019, cl. 5.4.15; ISO 6722-1, cl. 5.22; ISO 14572, cl. 5.21; FORD ES-AU5T-1A348-AA, cl. 3.11.9; STD 525-0001, cl. 5.22; STD 525-0004, cl. 7.16; MS.90034/2, cl. 8.2.4.15	Electrical cables	-
27	Sheath ovality measurement	ISO 19642-2, cl. 6.2.2; ISO 19642-2:2019, cl. 6.1.2; ISO 14572, cl. 5.2; MS.90034/2, cl. 8.3.1.2	Electrical cables	-
28	Test of durability of sheath marking	ISO 19642-2, cl. 6.5.11; ISO 19642-2:2019, cl. 5.4.12; ISO 14572, cl. 5.18; MS.90034/2, cl. 8.2.4.12	Electrical cables	-
29	Electrical continuity test	ISO 19642-2, cl. 6.3.1; ISO 19642-2:2019, cl. 6.2.1; ISO 14572, cl. 5.4; MS.90034/2, cl. 8.3.2.1	Electrical cables	-
30	Column strength measurement	FORD ES-AU5T-1A348-AA, cl. 3.11.10; STD 525-0001, cl. 5.27; MS.90034/2, cl. 8.2.3.1	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
31	Determination of density	STD 525-0001, cl. 5.32.1; ČSN EN 60811-606; EN ISO 1183-1, Method A	Electrical cables	-
32	Thermal stability test for PVC	STD 525-0001, 5.32.5; ČSN EN 60811-405	Electrical cables	-
33	Battery acid resistance test	STD 525-0004, cl. 7.11; ISO 6722-1, cl. 5.17.5	Electrical cables	-
34	Test of thermal stability in bent condition	MS.90034/2, cl. 8.2.4.16	Electrical cables	-
35	Hot set test for cross-linked materials	ČSN EN 60811-507	Electrical cables	-
36	Two pulley flexing test	ČSN EN 50396, cl. 6.2	Electrical cables	-
37	Tests for determining the mechanical properties of insulating and sheathing compounds	ČSN EN 60811-501	Electrical cables	-
38	Test of loss of mass of thermoplastic insulating and sheathing compounds	ČSN EN 60811-409	Electrical cables	-
39	Bending tests at low temperature for insulation and sheaths	ČSN EN 60811-504	Electrical cables	-
40	Voltage test of the whole cable	ČSN EN 50395, cl. 6	Electrical cables	-
41	Voltage tests of cores in water	ČSN EN 50395, cl. 7	Electrical cable cores	-
42	Determination of insulation resistance	ČSN EN 50395, cl. 8	Electrical cables	-
43	Thermal ageing tests	ČSN EN 60811-401	Electrical cables	-
44	Test for resistance of insulations and sheaths to cracking	ČSN EN 60811-509	Electrical cables	-
45	Test for vertical flame propagation	ČSN EN 60332-1-2	Electrical cables	-
46	Long-term insulation resistance to DC current	ČSN EN 50395, cl. 9	Electrical cables	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
47	Cyclic bending test	ISO 19642-2, cl. 5.4.4, 6.4.2; ISO 19642-2:2019, cl. 5.3.4, 6.3.2; ISO 14572, cl. 5.9	Electrical cables	-

[1] asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

[2] if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

[3] the laboratory does not apply a flexible approach to the scope of accreditation

Explanatory notes:
FORD ES-AU5T-1A348-AA - FORD automotive standard
STD 525-0001 - Volvo automotive standard
STD 525-0004 - Volvo automotive standard
MS.90034/2 - Fiat Chrysler automotive standard
HV - High Voltage
CSA - Cross Section Area
PVC - Polyvinylchloride

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "