

# Loss Prevention Certification Board

# LPCB

## This is to certify

**TÜRK PRYSMIAN KABLO ve SISTEMLERİ A.Ş.**

Ömerbey Mah. Bursa Asfaltı Cad. No: 51, 16941 Mudanya, Bursa, Turkey

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix.

**AFUMEX H07Z1**

(refer to attached appendix for details)

has complied with the requirements of the following:

**BS EN 60332-1-2:2004 – Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1kW pre-mixed flame.**

**BS EN 60332-3-24:2009 – Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C.**

and achieved:

**<0.5%HCl when tested in accordance with BS EN 50267-2-1:1999 – Method of test for Gases evolved during combustion of electric cables.**

**>4.3 pH and <10µS/mm when tested in accordance with BS EN 50267-2-2:1999 – Method of test for Gases evolved during combustion of electric cables.**

**>4.3 pH and <10µS/mm when tested in accordance with BS EN 50267-2-3:1999 – Method of test for Gases evolved during combustion of electric cables.**

**>60% light transmittance when tested in accordance with BS EN 61034-2:2005 – Measurement of smoke density of cables burning under defined conditions.**

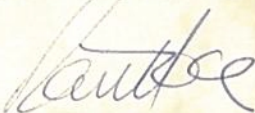
Certificate No. 1151b

Issue No. 01

Date of Issue 15 May 2013

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Signed on behalf of LPCB



Name: D HOARE



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# LPCB

APPENDIX TO CERTIFICATE NO. 1151b

**TÜRK PRYSMIAN KABLO ve SISTEMLERİ A.Ş.**

## Products

LPCB Ref. No.

### AFUMEX H07Z1

1151b/01

Nominal csa of conductor (mm <sup>2</sup> )	Core construction	BS EN 60332-1-2	BS EN 60332-3-24	BS EN 50267-2-1	BS EN 50267-2-3 (See note 4)	BS EN 61034-2
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### AFUMEX H07Z1-U

1.5	one <sup>(1)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
2.5	one <sup>(1)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
4.0	one <sup>(1)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
6.0	one <sup>(1)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
10	one <sup>(1)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%

### AFUMEX H07Z1-R

10	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
16	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
25	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
35	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
50	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
70	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
95	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
120	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
150	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
185	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
240	one <sup>(2)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%

Continued.....

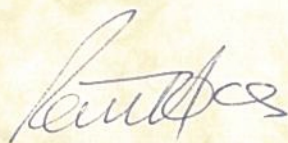
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# LPCB

APPENDIX TO CERTIFICATE NO. 1151b

**TÜRK PRYSMIAN KABLO ve SISTEMLERİ A.Ş.**

## Products

LPCB Ref. No.

**AFUMEX H07Z1**

**1151b/01**

Nominal csa of conductor (mm <sup>2</sup> )	Core construction	BS EN 60332-1-2	BS EN 60332-3-24	BS EN 50267-2-1	BS EN 50267-2-3 (See note 4)	BS EN 61034-2
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### AFUMEX H07Z1-K

1.5	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
2.5	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
4.0	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
6.0	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
10	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
16	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
25	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
35	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
50	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
70	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
95	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
120	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
150	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
185	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%
240	one <sup>(3)</sup>	Complies	Complies	<0.5% HCl	Complies	>60%

Uo/U 450/750V

Note 1: Solid (Class 1) conductor.


Note 2: Stranded (Class 2) conductor.

Note 3: Flexible (Class 5) conductor.

Note 4: In achieving a weighted average of pH greater than 4.3 and a weighted average of conductivity less than 10µS/mm on the constituent materials when tested in accordance with BS EN 50267-2-3:1999, the AFUMEX H07Z1 cables listed also met the requirements of BS EN 50267-2-2:1999.

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