

Liège, 13th March 2017

CLASSIFICATION REPORT RANGE APPROVAL

Nr 992/2017

FRENCH STANDARD

NF F 16-101	Matériel roulant ferroviaire COMPORTEMENT AU FEU - Choix des matériaux Complétée par STM-S-001 (Indice D, 2014) Calcul de l'Indice de Fumée I.F. et classement Fumée F	Octobre 1988
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1. Tests applied for by: Mr H. Pfeffer for U.I. Lapp GmbH, Schulze-Delitzsch-Str. 25, D-70565 Stuttgart, Germany.

2. Approved range of cables (*: information given by the sponsor):

*Reference: ETHERLINE® TRAIN.

* Description: Data transmission cables.

Cable marking : LAPP KABEL STUTTGART ETHERLINE TRAIN FLEX cat. ## PE

#x#x##/# AWG EN 50264-3-1 XM CE art *article number*.

Colour : black.

Range of approved sections : described in table p2/2

3. Reference documents :

- Toxicity acc. to NF X 70-100: report ISSeP nr 3968/2015
- Opacity acc. to NF X 10-702: reports ISSeP nr 3458-1 & 3459-1/2016
- Smoke classification acc. to NF F 16-101: reports ISSeP nr 3458-2 & 3459-2/2016
- Flame propagation acc. to NF C 32-070: reports ISSeP nr 3458-3 & 3459-3 /2016
- Flame propagation classification acc. to NF F 16-101: reports ISSeP nr 3458-4 & 3459-4/2016

4. Classification :

Taking the test results described in the reports quoted in § 3 into account, the cables described in §2 and listed p2/2 belong to categories C for flame propagation and F0 for smoke according to NF F 16-101.



S. DESMET,
 Test Executive.



Range of approved sections (information given by the sponsor)

Art. nr	Reference
2170906	ETHERLINE TRAIN FLEX CAT.5E 1X4X22/7 PE
2170907	ETHERLINE TRAIN CAT.5E 4X2X24/7 PE
2170908	ETHERLINE TRAIN FLEX CAT.6A 4X2X24/7 PE
2170909	ETHERLINE TRAIN FLEX CAT.7 4X2X24/7 PE
2170910	ETHERLINE TRAIN FLEX CAT.5E 1X4X0,5 PE

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