

Liège, 13<sup>th</sup> March 2017

# CLASSIFICATION REPORT RANGE APPROVAL


Nr 988/2017

## FRENCH STANDARD

<b>NF F 16-101</b>	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: ÖLFLEX® TRAIN 317 C TW-P 300 V.
  - \* Description: Thin wall cables.
  - Cable marking : LAPP KABEL STUTTGART ÖLFLEX TRAIN 317 C TW-P EN 50306-4 5P 300V #x2x## MM S 105 ROHS CE.
  - 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 3467-1 & 3468-1/2016
  - Smoke classification acc. to NF F 16-101: reports ISSeP nr 3467-2 & 3468-2/2016
  - Flame propagation acc. to NF C 32-070: reports ISSeP nr 3467-3 & 3468-3 /2016
  - Flame propagation classification acc. to NF F 16-101: reports ISSeP nr 3467-4 & 3468-4/2016
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 F1 for smoke according to NF F 16-101.*



S. DESMET,  
Test Executive.



Range of approved sections (information given by the sponsor)

Art. nr	Reference
15317000	ÖLFLEX TRAIN 317 C TW-P 300 V 2x2x0.5
15317001	ÖLFLEX TRAIN 317 C TW-P 300 V 3x2x0.5
15317002	ÖLFLEX TRAIN 317 C TW-P 300 V 4x2x0.5
15317003	ÖLFLEX TRAIN 317 C TW-P 300 V 7x2x0.5
15317004	ÖLFLEX TRAIN 317 C TW-P 300 V 2x2x0.75
15317005	ÖLFLEX TRAIN 317 C TW-P 300 V 3x2x0.75
15317006	ÖLFLEX TRAIN 317 C TW-P 300 V 4x2x0.75
15317007	ÖLFLEX TRAIN 317 C TW-P 300 V 7x2x0.75
15317008	ÖLFLEX TRAIN 317 C TW-P 300 V 2x2x1
15317009	ÖLFLEX TRAIN 317 C TW-P 300 V 3x2x1
15317010	ÖLFLEX TRAIN 317 C TW-P 300 V 4x2x1
15317011	ÖLFLEX TRAIN 317 C TW-P 300 V 7x2x1
15317012	ÖLFLEX TRAIN 317 C TW-P 300 V 2x2x1.5
15317013	ÖLFLEX TRAIN 317 C TW-P 300 V 3x2x1.5
15317014	ÖLFLEX TRAIN 317 C TW-P 300 V 4x2x1.5
15317015	ÖLFLEX TRAIN 317 C TW-P 300 V 7x2x1.5

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