

Liège, 13th March 2017

CLASSIFICATION REPORT RANGE APPROVAL

Nr 989/2017

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: ÖLFLEX® TRAIN 320 TW-E 300 V.
* Description: Thin wall cables.
Cable marking : LAPP KABEL STUTTGART ÖLFLEX TRAIN 320 TW-E EN 50306-4 1E
300V ##x## MM 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 3469-1 & 3470-1/2016
 - Smoke classification acc. to NF F 16-101: reports ISSeP nr 3469-2 & 3470-2/2016
 - Flame propagation acc. to NF C 32-070: reports ISSeP nr 3469-3 & 3470-3 /2016
 - Flame propagation classification acc. to NF F 16-101: reports ISSeP nr 3469-4 & 3470-4/2016
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
15320000	ÖLFLEX TRAIN 320 TW-E 300 V 4x0.5
15320001	ÖLFLEX TRAIN 320 TW-E 300 V 7x0.5
15320002	ÖLFLEX TRAIN 320 TW-E 300 V 13x0.5
15320003	ÖLFLEX TRAIN 320 TW-E 300 V 19x0.5
15320004	ÖLFLEX TRAIN 320 TW-E 300 V 37x0.5
15320005	ÖLFLEX TRAIN 320 TW-E 300 V 4x0.75
15320006	ÖLFLEX TRAIN 320 TW-E 300 V 7x0.75
15320007	ÖLFLEX TRAIN 320 TW-E 300 V 13x0.75
15320008	ÖLFLEX TRAIN 320 TW-E 300 V 19x0.75
15320009	ÖLFLEX TRAIN 320 TW-E 300 V 37x0.75
15320010	ÖLFLEX TRAIN 320 TW-E 300 V 48x0.75
15320011	ÖLFLEX TRAIN 320 TW-E 300 V 4x1
15320012	ÖLFLEX TRAIN 320 TW-E 300 V 7x1
15320013	ÖLFLEX TRAIN 320 TW-E 300 V 13x1
15320014	ÖLFLEX TRAIN 320 TW-E 300 V 19x1
15320015	ÖLFLEX TRAIN 320 TW-E 300 V 37x1
15320016	ÖLFLEX TRAIN 320 TW-E 300 V 4x1.5
15320017	ÖLFLEX TRAIN 320 TW-E 300 V 7x1.5
15320018	ÖLFLEX TRAIN 320 TW-E 300 V 13x1.5
15320019	ÖLFLEX TRAIN 320 TW-E 300 V 19x1.5
15320020	ÖLFLEX TRAIN 320 TW-E 300 V 37x1.5
15320021	ÖLFLEX TRAIN 320 TW-E 300 V 2x2.5
15320022	ÖLFLEX TRAIN 320 TW-E 300 V 3x2.5
15320023	ÖLFLEX TRAIN 320 TW-E 300 V 4x2.5

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