



Thermoplastics Testing Center

UL 94 HB

SOP: TTC - 05.1.7.3

Order No.:	KUEXT10591	Lot:	Wellflex PVC 111	Instrument:	Hood 1
Order code:	-	Type:		Specimen type:	125±5 x 13±0,5 x d mm ³
Identification:	14/8	Batch:	-	Pre-Conditioning:	min. 48h 23°C ± 2°C / 50% ± 10% rel. humidity
Customer:	Norres Schlauchtechnik GmbH	Color:	grey RAL7001	Test climate:	23°C/51% rel. Humidity
Date of receipt:	March 28, 2017			Gas flow rate [ml/min]:	103
Date of testing:	April 6, 2017			Pressure [mbar]:	0,4
Operator:	Mrs. Houben				*Tested with switched off light in flame hood

Remarks:

Results:

Specimen height [mm]	Specimen No	Burn time		Burn distance		Burn rate [mm/min]	Results	Remarks
		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,51	1	27	0	24	0	0,0	pass	
0,55	2	18	0	35	0	0,0	pass	
0,52	3	39	5	30	5	60,0	pass	

UL 94 HB pass

Pass:	extinguishes before 100mm mark, or:	
	Height [mm]	Burn rate [mm/min]
	3 to 13	≤ 40
< 3	≤ 75	

Remark: WG = burns on the wire gauze



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		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,45	1	18	0	3	0	0,0	pass	
0,45	2	20	0	5	0	0,0	pass	
0,40	3	19	0	6	0	0,0	pass	

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		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,82	1	68	36	45	20	33,3	pass	
0,84	2	90	57	65	40	42,1	pass	
0,81	3	26	0	24	0	0,0	pass	

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		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,39	1	23	3	27	2	40,0	pass	
0,38	2	18	0	20	0	0,0	pass	
0,34	3	11	0	20	0	0,0	pass	

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		Total [s]	From 1st mark [s]	Total [mm]	From 1st mark [mm]			
0,76	1	64	27	35	10	22,2	pass	
0,77	2	58	19	35	10	31,6	pass	
0,75	3	19	0	5	0	0,0	pass	

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