



# Thermoplastics Testing Center

## UL 94 HB

SOP: TTC - 05.1.7.3

Order No.:	KUEXT10591	Lot:	Protape PVC 310	Instrument:	Hood 1
Order code:	-	Type:		Specimen type:	125±5 x 13±0,5 x d mm <sup>3</sup>
Identification:	13/5	Batch:	-	Pre-Conditioning:	min. 48h 23°C ± 2°C / 50% ± 10% rel. humidity
Customer:	Norres Schlauchtechnik GmbH	Color:	grey RAL7001, R01040	Test climate:	23°C/51% rel. Humidity
Date of receipt:	March 28, 2017			Gas flow rate [ml/min]:	103
Date of testing:	April 4, 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]			
0,74	1	67	36	50	25	41,7	pass	
0,74	2	60	2	27	2	60,0	pass	
0,73	3	68	27	35	10	22,2	pass	

**UL 94 HB pass**

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

Remark: WG = burns on the wire gauze



# Thermoplastics Testing Center

## UL 94 HB

SOP: TTC - 05.1.7.3

Order No.:	KUEXT10591	Lot:	Protape PVC 310	Instrument:	Hood 1
Order code:	-	Type:		Specimen type:	125±5 x 13±0,5 x d mm <sup>3</sup>
Identification:	13/2	Batch:	-	Pre-Conditioning:	min. 48h 23°C ± 2°C / 50% ± 10% rel. humidity
Customer:	Norres Schlauchtechnik GmbH	Color:	grey RAL7001, R01040	Test climate:	23°C/51% rel. Humidity
Date of receipt:	March 28, 2017			Gas flow rate [ml/min]:	103
Date of testing:	April 4, 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]			
0,54	1	30	0	23	0	0,0	pass	
0,52	2	30	0	23	0	0,0	pass	
0,52	3	88	74	95	70	56,8	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