

## **PROTAPE PUR 330 AS 0,6 mm ATEX, light suction hose Antistatic polyurethane hose, light, microbe resistant + flame-resistant**



### **Technical specifications:**

### **APPLICATIONS**

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- printed circuit board drilling machine (PCB)
- extraction unit, dedusting system, filter system, oil mist extraction
- extraction arm
- chemical industry: chemical vapours, vapour return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- surface preparation: shot blasting/ sand blasting recovery e.g. at blasting chamber, ship yard, stripping machine, flooring preparation machine, grinding machine
- heating hose: exterior hose as protection hose

### **PROPERTIES**

- lightweight and reinforced
- highly flexible + compressible 3:1
- abrasion-resistant
- microbe resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- flame-retardant according to: DIN 4102-B1
- flame-retardant according to: UL94-HB
- Permanently antistatic wall: according to ISO 8031 electrical and surface resistance  $<10^9 \Omega$  (according to NFPA 652  $10^8$ - $10^9 \Omega$ )
- in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: aspiration of combustible dust (zone 22 inside), for conveying of non-flammable liquids, for use in zone 1 and 2 (gases)
- conforms to the safety regulations of the German Wood Trade Association
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

### **DELIVERY VARIANTS**

- further diameters and lengths available on request
- transparent (standard)
- special colours: partially coloured, completely coloured
- customer-specific branding
- 

### **DESIGN**

- patented PROTAPE® tape hose
- 1. spring steel wire integrated in wall

- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 0,6 mm approx.

• **TEMPERATURE RANGE**

- -40°C to 90°C
- short time to 125°C

**Hőállóság:** -40°C/+90°C ( rövid ideig + 125°C)

**Falvastagság a spirálok között mérve:** 0,6 mm

**Felépítés:** poliuretán, áttetsző, beágyazott acélspirállal, hosszában rugalmas

**Hajlítási sugár:** kb. 1 x belső ø

**Lángállóság::** UL94-HB; DIN 4102-B1

**Tekercsméret:** 10 és 15 m

Storage lots, splitting of the rolls are possible. Meantime, we hold the right of selling the stock in products.

ID mm	max wp with 50% elongation	vacuum (fixend ends)	kg/m	Article Nr.
25	1,6	-0,54	0,15	330-0025-1002
30	1,35	-0,45	0,18	330-0030-1002
32	1,26	-0,42	0,19	330-0032-1002
38	1,07	-0,35	0,22	330-0038-1002
40	1,02	-0,33	0,23	330-0040-1002
50/51	0,82	-0,22	0,37	330-0050-1002
60	0,68	-0,18	0,43	330-0060-1002
63/65	0,63	-0,16	0,46	330-0065-1002
70	0,59	-0,15	0,5	330-0070-1002
75/76	0,55	-0,14	0,53	330-0075-1002
80	0,51	-0,13	0,57	330-0080-1002
90	0,46	-0,12	0,63	330-0090-1002
100/102	0,41	-0,08	0,67	330-0100-1002
110	0,37	-0,07	0,73	330-0110-1002
120	0,34	-0,07	0,79	330-0120-1002
125/127	0,33	-0,06	0,83	330-0125-1002
140	0,29	-0,05	0,92	330-0140-1002
150/152	0,27	-0,05	0,99	330-0150-1002
160	0,26	-0,05	1,05	330-0160-1002
180	0,23	-0,04	1,17	330-0180-1002
200/203	0,21	-0,03	1,33	330-0200-1002
225	0,18	-0,02	1,48	330-0225-1002
250	0,16	-0,02	1,64	330-0250-1002

ID mm	max wp with 50% elongation	vacuum (fixend ends)	kg/m	Article Nr.
300	0,14	-0,02	2,14	330-0300-1002
400	0,1	-0,01	2,84	330-0400-1002
500	0,08	-0,01	4,39	330-0500-1002

