

## **PROTAPE PUR 301 AS 0,4 mm extra light ATEX anti-static Antistatic polyurethane hose, super-light, microbe resistant, flame-resistant**



### **Technical specifications:**

### **APPLICATIONS**

- flexible hose/ ducting for gases and for abrasive dust, powder, fibres
- 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
- bus, utility vehicle, caravan/ trailer, mobile home/ camper/ RV, boat, ship/ vessel/ marine, yacht: ventilation, heating
- clean room ventilation, semiconductor production machine
- bellows, compensators

### **PROPERTIES**

- super-light weight
- 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: UL94-HB
- flame-retardant according to: DIN 4102-B1
- 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
- according to DIN 26057 Type 1
- 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
- ID 1,5"/ 38mm 12/305mm compressed packed in poly bag (low transportation cost / risk, minimum storage size), ID315 500mm not compressed

### **DESIGN**

- patented PROTAPE® tape hose
- 1. spring steel wire integrated in wall
- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 0,4 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:** 0,4 mm

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

**Hajlítási sugár:** kb. 1 x belső ø

**Kivitel::** DIN 25057 type 1

**Lángállóság::** UL94-HB;DIN 4102-B1

**Hossz:** 5-10-15 m

**Készleten:** 10 m -es hosszok

Certain diameters are available from stock. Meantime, we hold the right of selling the stock in products.

Inside diameter (mm)	Working pressure (bar) DIN26057	Vacuum (bar) DIN 26057	Weight Kg/m	Bending radius (mm)	Article Nr.
38	0,63	-0,24	0,22	27	301-0038-0000
40	0,6	-0,23	0,23	28	301-0040-0000
50/51	0,48	-0,17	0,28	33	301-0050-0000
60	0,4	-0,14	0,34	38	301-0060-0000
63/65	0,37	-0,13	0,36	40	301-0065-0000
70	0,34	-0,12	0,38	43	301-0070-0000
75/76	0,32	-0,11	0,41	45	301-0075-0000
80	0,3	-0,11	0,44	48	301-0080-0000

<b>Inside diameter (mm)</b>	<b>Working pressure (bar) DIN26057</b>	<b>Vacuum (bar) DIN 26057</b>	<b>Weight Kg/m</b>	<b>Bending radius (mm)</b>	<b>Article Nr.</b>
90	0,27	-0,09	0,49	53	301-0090-0000
100/102	0,24	-0,05	0,51	58	301-0100-0000
110	0,22	-0,05	0,56	63	301-0110-0000
120	0,2	-0,04	0,61	68	301-0120-0000
125/127	0,19	-0,04	0,63	71	301-0125-0000
130	0,18	-0,04	0,66	73	301-0130-0000
140	0,17	-0,04	0,71	78	301-0140-0000
150/152	0,16	-0,03	0,76	83	301-0150-0000
160	0,15	-0,03	0,81	88	301-0160-0000
180	0,13	-0,03	0,9	98	301-0180-0000
200/203	0,12	-0,02	1,03	108	301-0200-0000
250	0,1	-0,02	1,28	136	301-0250-0000
254	0,09	-0,02	1,3	144	301-0254-0000
300	0,08	-0,01	1,7	159	301-0300-0000
350	0,075	-0,15	1,85	185	301-0350-0000
400	0,06	-0,01	2,26	210	301-0400-0000
500	0,05	-0,01	2,78	260	301-0500-0000

||| TRIÁSZ-TÖMLŐ KFT.

