

PROTAPE® PUR 330 AS

Antistatic polyurethane hose, light weight, microbe resistant + flame-retardant

Applications:

- flexible hose/ ducting for gases and for abrasive dust, powder, fibers
- printed circuit board drilling machines (PCB)
- extraction unit, dust collection systems, filter system, oil mist extraction
- extraction arm
- chemical industry: chemical vapors, vapor return hose at loading arm, paint steam, spray mist extraction
- explosion hazard area
- textile industry, fiber extraction: spinning machine, knitting machine, weaving loom machine
- animal stall, animal shed: barn ventilation
- clean room ventilation, semiconductor production machine
- surface preparation: shot blasting/ sand blasting recovery (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: UL94-HB
- flame-retardant according to: DIN 4102-B1
- permanently antistatic wall: in accordance with ISO 8031 electrical and surface resistance <10<sup>9</sup> Ω
- 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

Temperature range:

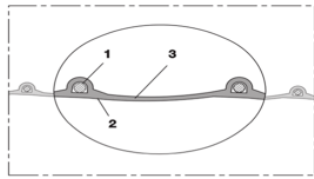
- 40°F to 195°F
- short time to 255°F

Design, material:

- patented PROTAPE® tape hose
- 1. spring steel wire integrated in the wall
- 2. wall: permanently antistatic premium ester-polyurethane (Pre-PUR®)
- 3. wall thickness 0.025 inchapproximate

Delivery variants:

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



| I.D. in/mm    | O.D. in | Pressure psi  | Vacuum DIN inHg | Bending Radius in | Weight lbs./ft | Stock length ft | Order No.     | Order No.              | Article Name        | suitable fo |
|---------------|---------|---------------|-----------------|-------------------|----------------|-----------------|---------------|------------------------|---------------------|-------------|
| 1 / 25        | 1.25    | 23.30 (60.65) | 15.95 (29.53)   | 3/4               | 0.101          | 25              | 330-0025-1002 | 33000251002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 1 / 25        | 1.25    | 23.30 (60.65) | 15.95 (29.53)   | 3/4               | 0.101          | 50              | 330-0025-1002 | 33000251002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 1.5 / 38      | 1.75    | 15.60 (40.25) | 10.48 (22.74)   | 1.02              | 0.148          | 25              | 330-0038-1002 | 33000381002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 1.5 / 38      | 1.75    | 15.60 (40.25) | 10.48 (22.74)   | 1.02              | 0.148          | 50              | 330-0038-1002 | 33000381002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 2 / 50-51     | 2.28    | 11.90 (30.75) | 6.50 (25.69)    | 1.30              | 0.249          | 25              | 330-0050-1002 | 33000501002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 2 / 50-51     | 2.28    | 11.90 (30.75) | 6.50 (25.69)    | 1.30              | 0.249          | 50              | 330-0050-1002 | 33000501002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 2.5 / 63-65   | 2.87    | 9.20 (23.70)  | 4.87 (15.36)    | 1.59              | 0.309          | 25              | 330-0065-1002 | 33000651002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 2.5 / 63-65   | 2.87    | 9.20 (23.70)  | 4.87 (15.36)    | 1.59              | 0.309          | 50              | 330-0065-1002 | 33000651002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 3 / 75-76     | 3.27    | 8.00 (20.60)  | 4.28 (11.66)    | 1.79              | 0.356          | 25              | 330-0075-1002 | 33000751002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 3 / 75-76     | 3.27    | 8.00 (20.60)  | 4.28 (11.66)    | 1.79              | 0.356          | 50              | 330-0075-1002 | 33000751002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 3.5 / 89-90   | 3.86    | 6.65 (17.20)  | 3.54 (8.27)     | 2.09              | 0.423          | 25              | 330-0090-1002 | 33000901002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 3.5 / 89-90   | 3.86    | 6.65 (17.20)  | 3.54 (8.27)     | 2.09              | 0.423          | 50              | 330-0090-1002 | 33000901002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 4 / 100-102   | 4.25    | 6.00 (15.50)  | 2.36 (9.15)     | 2.28              | 0.45           | 25              | 330-0100-1002 | 33001001002-0000002500 | PROTAPE® PUR 330 AS | Yes         |
| 4 / 100-102   | 4.25    | 6.00 (15.50)  | 2.36 (9.15)     | 2.28              | 0.45           | 50              | 330-0100-1002 | 33001001002-0000005000 | PROTAPE® PUR 330 AS | Yes         |
| 4.5 / 114-115 | 4.84    | 5.20 (13.50)  | 2.07 (6.94)     | 2.58              | 0.511          | 25              | 330-0115-1002 | 33001151002-0000002500 | PROTAPE® PUR 330 AS | Yes         |

|               |       |              |             |      |       |    |               |                        |                     |     |
|---------------|-------|--------------|-------------|------|-------|----|---------------|------------------------|---------------------|-----|
| 4.5 / 114-115 | 4.84  | 5.20 (13.50) | 2.07 (6.94) | 2.58 | 0.511 | 50 | 330-0115-1002 | 33001151002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 5 / 125-127   | 5.24  | 4.85 (12.40) | 1.92 (5.91) | 2.78 | 0.558 | 25 | 330-0125-1002 | 33001251002-0000002500 | PROTAPE® PUR 330 AS | Yes |
| 5 / 125-127   | 5.24  | 4.85 (12.40) | 1.92 (5.91) | 2.78 | 0.558 | 50 | 330-0125-1002 | 33001251002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 5.5 / 140     | 5.83  | 4.30 (11.10) | 1.62 (4.72) | 3.07 | 0.618 | 25 | 330-0140-1002 | 33001401002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 5.5 / 140     | 5.83  | 4.30 (11.10) | 1.62 (4.72) | 3.07 | 0.618 | 50 | 330-0140-1002 | 33001401002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 6 / 150-152   | 6.22  | 4.00 (10.35) | 1.62 (4.13) | 3.27 | 0.665 | 25 | 330-0150-1002 | 33001501002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 6 / 150-152   | 6.22  | 4.00 (10.35) | 1.62 (4.13) | 3.27 | 0.665 | 50 | 330-0150-1002 | 33001501002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 7 / 178-180   | 7.40  | 3.35 (8.65)  | 1.33 (2.95) | 3.86 | 0.786 | 25 | 330-0180-1002 | 33001801002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 7 / 178-180   | 7.40  | 3.35 (8.65)  | 1.33 (2.95) | 3.86 | 0.786 | 50 | 330-0180-1002 | 33001801002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 8 / 200-203   | 8.19  | 3.05 (7.75)  | 0.89 (3.25) | 4.25 | 0.894 | 25 | 330-0200-1002 | 33002001002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 8 / 200-203   | 8.19  | 3.05 (7.75)  | 0.89 (3.25) | 4.25 | 0.894 | 50 | 330-0200-1002 | 33002001002-0000005000 | PROTAPE® PUR 330 AS | No  |
| 10 / 254      | 10.31 | 2.40 (6.10)  | 0.74 (1.92) | 5.31 | 1.115 | 25 | 330-0254-1002 | 33002541002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 12 / 305      | 12.36 | 1.95 (5.10)  | 0.59 (1.48) | 6.36 | 1.458 | 25 | 330-0305-1002 | 33003051002-0000002500 | PROTAPE® PUR 330 AS | No  |
| 14 / 356      | 14.37 | 1.65 (4.35)  | 0.44 (1.03) | 7.36 | 1.700 | 25 | 330-0356-1002 | 33003561002-0000002500 | PROTAPE® PUR 330 AS | No  |