

PROTAPE® PUR 301 AS

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

Applications:

flexible hose/ ducting for gases and for abrasive dust, powder, fibers
 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
 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: in accordance with ISO 8031 electrical and surface resistance <10⁹ 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
 according to DIN 26057 Type 1
 conforms to RoHS guideline

Temperature range:

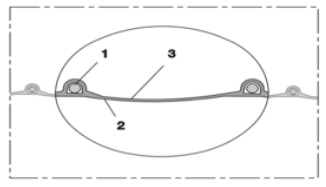
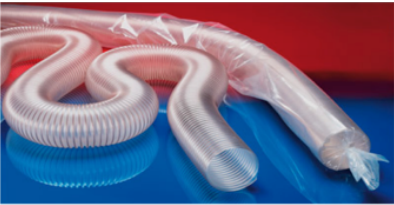
-40°F to 195°F
 short time to 255°F

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 0.02 inch approximate

Delivery variants:

further diameters and lengths available on request
 transparent (standard)
 special colors: partially colored, completely colored
 customer-specific branding
 ID 1“/25mm – 12“/305mm compressed packed in poly bag (low transportation cost / risk, minimum storage size), ID315 – 500mm not compressed



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
1.5 / 38	1.81	9.15 (27.05)	7.23 (21.41)	1.06	0.150	25	301-0038-0000	30100380000-0000002500	PROTAPE® PUR 301 AS	Yes
1.5 / 38	1.81	9.15 (27.05)	7.23 (21.41)	1.06	0.150	50	301-0038-0000	30100380000-0000005000	PROTAPE® PUR 301 AS	Yes
2 / 50-51	2.28	6.95 (20.60)	5.02 (25.10)	1.30	0.190	25	301-0050-0000	30100500000-0000002500	PROTAPE® PUR 301 AS	Yes
2 / 50-51	2.28	6.95 (20.60)	5.02 (25.10)	1.30	0.190	50	301-0050-0000	30100500000-0000005000	PROTAPE® PUR 301 AS	Yes
2.5 / 63-65	2.87	5.35 (15.90)	3.84 (14.91)	1.57	0.240	25	301-0065-0000	30100650000-0000002500	PROTAPE® PUR 301 AS	Yes
2.5 / 63-65	2.87	5.35 (15.90)	3.84 (14.91)	1.57	0.240	50	301-0065-0000	30100650000-0000005000	PROTAPE® PUR 301 AS	Yes
3 / 75-76	3.27	4.70 (13.80)	3.40 (11.37)	1.77	0.275	25	301-0075-0000	30100750000-0000002500	PROTAPE® PUR 301 AS	Yes
3 / 75-76	3.27	4.70 (13.80)	3.40 (11.37)	1.77	0.275	50	301-0075-0000	30100750000-0000005000	PROTAPE® PUR 301 AS	Yes
3.5 / 89-90	3.86	3.90 (11.45)	2.81 (7.97)	2.09	0.330	25	301-0090-0000	30100900000-0000002500	PROTAPE® PUR 301 AS	Yes
3.5 / 89-90	3.86	3.90 (11.45)	2.81 (7.97)	2.09	0.330	50	301-0090-0000	30100900000-0000005000	PROTAPE® PUR 301 AS	Yes
4 / 100-102	4.25	3.55 (10.35)	1.62 (8.86)	2.28	0.345	25	301-0100-0000	30101000000-0000002500	PROTAPE® PUR 301 AS	Yes
4 / 100-102	4.25	3.55 (10.35)	1.62 (8.86)	2.28	0.345	50	301-0100-0000	30101000000-0000005000	PROTAPE® PUR 301 AS	Yes
4.5 / 114-115	4.84	3.05 (9.00)	1.48 (6.79)	2.58	0.390	25	301-0115-0000	30101150000-0000002500	PROTAPE® PUR 301 AS	Yes
4.5 / 114-115	4.84	3.05 (9.00)	1.48 (6.79)	2.58	0.390	50	301-0115-0000	30101150000-0000005000	PROTAPE® PUR 301 AS	Yes
5 / 125-127	5.24	2.85 (8.25)	1.33 (5.76)	2.78	0.425	25	301-0125-0000	30101250000-0000002500	PROTAPE® PUR 301 AS	Yes
5 / 125-127	5.24	2.85 (8.25)	1.33 (5.76)	2.78	0.425	50	301-0125-0000	30101250000-0000005000	PROTAPE® PUR 301 AS	Yes

5.5 / 140	5.83	2.55 (7.40)	1.18 (4.58)	3.07	0.475	25	301-0140-0000	30101400000-0000002500	PROTAPE® PUR 301 AS	Yes
5.5 / 140	5.83	2.55 (7.40)	1.18 (4.58)	3.07	0.475	50	301-0140-0000	30101400000-0000005000	PROTAPE® PUR 301 AS	Yes
6 / 150-152	6.22	2.30 (6.90)	1.03 (3.99)	3.27	0.510	25	301-0150-0000	30101500000-0000002500	PROTAPE® PUR 301 AS	Yes
6 / 150-152	6.22	2.30 (6.90)	1.03 (3.99)	3.27	0.510	50	301-0150-0000	30101500000-0000005000	PROTAPE® PUR 301 AS	Yes
7 / 178-180	7.40	1.95 (5.75)	0.89 (2.66)	3.86	0.605	25	301-0180-0000	30101800000-0000002500	PROTAPE® PUR 301 AS	Yes
7 / 178-180	7.40	1.95 (5.75)	0.89 (2.66)	3.86	0.605	50	301-0180-0000	30101800000-0000005000	PROTAPE® PUR 301 AS	No
8 / 200-203	8.19	1.75 (5.20)	0.74 (3.25)	4.25	0.690	25	301-0200-0000	30102000000-0000002500	PROTAPE® PUR 301 AS	Yes
8 / 200-203	8.19	1.75 (5.20)	0.74 (3.25)	4.25	0.690	50	301-0200-0000	30102000000-0000005000	PROTAPE® PUR 301 AS	No
10 / 254	10.35	1.40 (4.05)	0.59 (1.77)	5.65	0.875	25	301-0254-0000	30102540000-0000002500	PROTAPE® PUR 301 AS	No
12 / 305	12.40	1.15 (3.40)	0.44 (1.18)	6.40	1.165	25	301-0305-0000	30103050000-0000002500	PROTAPE® PUR 301 AS	No
14 / 356	14.41	1.00 (2.90)	0.44 (0.74)	7.48	1.410	25	301-0356-0000	30103560000-0000002500	PROTAPE® PUR 301 AS	No