

ATEX/ESD

PROTAPE® TPE 320 AS (XLD)

Antistatic TPE hose — chemical- and heat-resistant in extra-light-duty construction



Highly flexible suction and pressure hose in thermoplastic elastomer (TPE), antistatic and heat-resistant up to +125 °C continuously and +150 °C as peak. The chemical-resistant wall makes the hose suitable for processes where PUR meets its chemical limit, such as certain solvent vapours and higher temperatures. The XLD construction keeps the hose easy to handle despite the demanding application range.

R: $\sim 10^9 \Omega$

Media: Gas, Dust

Temp: -40 °C to 125 °C

✓ Cut to length

APPLICATIONS

- Hot air and cooling air in ventilation and engine exhaust
- Hot air dryers and granulate dryers in plastics industry
- Steam soaking at higher temperatures
- Machine installations with thermal load
- Tumble dryers, drying systems and heat exchangers
- Air conditioning and UV/IR dryers in offset printing
- Marine hoses and engine exhaust
- Tent heating and construction drying

Technical specifications

Material	Thermoplastic elastomer (TPE), permanently antistatic
Colour	Black
Wall construction	Extra light duty (XLD), 0.5 mm wall thickness, spiral-reinforced TPE
Spiral material	spring steel wire, embedded in TPE wall
Conveying media	Gas, Dust
Temperature range	-40 °C – 125 °C
Short-term peak	150 °C
Electrical resistance	$\sim 10^9 \Omega$
Cut to length	Yes
Manufacturer SKU	3200000

Standards and compliance

REACH, RoHS

Dimensions and ordering

The hose is supplied in 15 standard sizes from inner Ø 25.0 mm to 250.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
25	31	0.5	-	-	-	18	0.14	-	32000250000
50.5	56.5	0.5	0.235	0.105	33	20	0.22	10	32000500000
60	68	0.5	0.195	0.09	38	20	0.32	10	32000600000
70	78	0.5	0.17	0.075	43	20	0.37	-	32000700000
75.6	83.6	0.5	0.16	0.07	46	20	0.33	-	32000750000
80	88	0.5	0.15	0.065	48	20	0.42	-	32000800000
101.5	109.5	0.5	0.12	0.055	58	20	0.61	10	32001000000
110	118	0.5	-	0.05	63	20	0.66	-	32001100000
126.5	134.5	0.5	0.095	0.045	71	20	0.75	10	32001250000
140	148	0.5	0.085	0.04	78	20	0.71	-	32001400000
151.5	159.5	0.5	0.08	0.025	83	15	0.76	10	32001500000
160	168	0.5	0.075	0.025	88	15	0.8	10	32001600000
180	188	0.5	0.065	0.02	98	15	0.9	-	32001800000
202.3	210.3	0.5	0.06	0.02	108	15	1.01	10	32002000000
250	258	0.5	0.05	0.015	133	15	1.24	10	32002500000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.