

HIGH-TEMPERATURE

SIL AIR HP

Single-layer silicone hose for hot and cold gases, –55 to +210°C, briefly +230°C



SIL AIR HP is a red single-layer silicone hose with a silicone-coated polyamide spiral for hot and cold gases. The manufacturer describes it as highly flexible and lists hot-air drying, cooling and cleanroom ventilation, and the hose has spiral-free ends on both sides. The normal temperature range is –55 to +210°C, briefly up to +230°C. The hose is supplied from inner Ø 43 to 80 mm with working pressure from 1.5 to 1.1 bar.

Media: Gas

Temp: -55°C to +210°C

APPLICATIONS

- Hot-air drying
- Air cooling
- Cleanroom ventilation

Technical specifications

Material	Silicone, silicone-coated polyamide spiral
Colour	Red
Wall construction	Single-layer silicone with spiral, spiral-free ends
Spiral material	Silicone-coated polyamide
Conveying media	Gas
Temperature range	-55°C – +210°C
Short-term peak	+230°C
Cut to length	No
Manufacturer SKU	3932000

Standards and compliance

EN ISO 1307:2008

Dimensions and ordering

The hose is supplied in 7 standard sizes from inner Ø 43 mm to 80 mm. Each size has its own article number.

Inner Ø [mm]	Press. DIN [bar]	Vacuum axial [bar]	Article no.
43	1.5	0.56	39300432003
52	1.3	0.5	39300522003
55	1.3	0.5	39300552000
57	1.3	0.5	39300572000
70	1.2	0.5	39300702000
70	1.2	0.5	39300702004
80	1.1	0.39	39300802000

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.

Other Particulair microsites

We build specialised microsites for critical industries. Each site provides in-depth product data, documentation and expert guidance for the domain it covers.

particulair.eu/ex-vac	ATEX and ACD vacuum cleaners for explosion hazard zones
particulair.eu/vace	Nozzles and accessories for critical environments
particulair.eu/life-science	Vacuums for pharma and cleanroom
particulair.eu/hardo	Explosion-protected electrical Ex-equipment

Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/high-temperature-hoses/sil-air-hp/

SMARTER THINKING • BETTER WORKING

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.