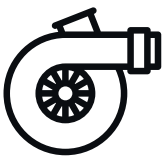


PROCESS OPTIMISATION WITH HOT AIR



HEAT-RESISTANT AIR HOSES UP TO 600 °C



Generate an air flow

Powerful, tried-and-tested blowers generate the airflow required for the application.



Guide the air

Air ducting systems made of heat-resistant air hoses guide the airflow from the blower to the point of use.



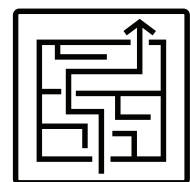
Heat the air

Electrically powered air heaters ensure the air is heated to the required temperature.



Regulate the temperature

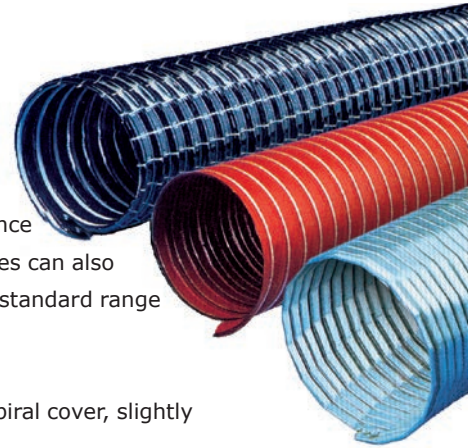
Microprocessor controlled regulators ensure precisely maintained temperatures when hot air is used.



Apply the hot air

At the point of use, the hot air is accurately fed through special nozzles for use in the respective application.

HEAT-RESISTANT AIR HOSES



Flexible HAPRO-FLEX air hoses for hot air systems are characterised by their high manufacturing quality and the associated safety in use. Depending on the application, air hoses are made of coated woven glass fabric, plastic, neoprene, aluminium with or without coating, zinc-plated steel or stainless steel for special requirements. The range of heat resistance extends from -85 °C to +600 °C. The standard length of the hoses is 4 metres and longer hoses can also be provided by the metre. For special applications that have to fulfil requirements beyond the standard range of products we can supply suitable hoses at short notice.

- Hapro-FLEX S1:** Single-layer silicone-coated woven glass fabric, reinforced by exposed spiral cover, slightly corrugated inside and outside, highly flexible, colour red, temperature-resistant up to 250°C, short term up to 310°C.
- Hapro-FLEX S1W:** as above, thermal insulation, temperature-resistant up to 250°C, short term up to 310°C.
- Hapro-FLEX S2:** Double-layer silicone-coated woven glass fabric, non-flammable according to FAR 25.853, slightly corrugated inside and outside, highly flexible, colour red, temperature-resistant up to 250°C, short term up to 310°C.
- Hapro-FLEX S2HT:** as above, thermal insulation, temperature-resistant up to 310°C, short term up to 350°C.
- HAPRO-FLEX Dx:** Suction/blower hose, zinc-plated steel or wound stainless steel, polygonal cross section, inter locked angular profile, with thermal thread, flexible.

Model	Inside Ø in mm	temperature-resistant to
Hapro-FLEX S1	13 / 19 / 32 / 38 / 41 / 50 / 63 / 80 / 90 / 102 / 114 / 125 / 140 / 150 / 160 / 180 / 200	-85°C to 250°C
Hapro-FLEX S1W	13 / 38 / 51 / 63 / 80 / 90 / 100 / 110	-85°C to 250°C
Hapro-FLEX S2	19 / 63 / 80 / 102	-85°C to 250°C
Hapro-Flex S2HT	63 / 80 / 100 / 125 / 150	-85°C to 310°C
Hapro-FLEX Dx zinc-plated	20 / 30 / 40 / 50 / 60 / 75 / 80 / 90 / 100 / 110 / 125 / 150 / 160	400°C
Hapro-FLEX Dx stainless steel	20 / 25 / 30 / 35 / 50 / 60 / 80 / 90 / 110 / 150	600°C