

# ALUMINIUM COMBI HOSE



## SEMI INSULATED ALUMINIUM FOIL HOSE



### Structure:

COMBI hose is produced from multi-layer aluminium & polyester strengthened with high tension steel spring wire, covered with a PVC layer.

Aluminium Combi Hose is recommended for discharging welding fumes (where high mechanical resistance is required), low and medium pressure heating, cooling and air conditioning systems.

COMBI Hose is more effective against condensation. To maintain indoor air quality at a certain level, preventing condensation is important.

Accumulation of water on the duct surface arising from condensation leads to problems such as mold growth and corrosion, which would cause serious health problems and deformation of building materials and components. In order to prevent condensation the surface temperature of the duct shall be kept higher than the dew point of the air surrounding it. A PVC layer on the outer surface of acts as an insulation which makes the duct more impermeable to water and keeps surface temperature higher. Punctures and tears could also lead to condensation and air leaks. Prevention from such deformations is achieved by adding a PVC layer.

### Technical Properties

		Inner Dia	Std Length
TYPES	Aluminium Combi	52 mm	10 Mtr
Construction	Aluminium+Polyester+PVC	63 mm	10 Mtr
Temperature Range	-30°C / +150°C	76 mm	10 Mtr
Air Velocity	30 m/s (max)	102 mm	10 Mtr
Operating Pressure	3000 Pa (max)	152 mm	10 Mtr
Standard Length	10 Meter	203 mm	10 Mtr