

reliability

Clip Ducting Industrial Hoses



industrial series

AFS[®]



CLIPAFS-PVC

Hose Wall	: PVC coated polyester
Wall thickness	: 220 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +70°C
Color	: Black & Grey & Blue
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Phthalate free according to EN 14372
	Tear Strength Weft: 65 N } (EN ISO 4674-1 Method A)
	Warp: 65 N }
	Tensile Strength Weft: 650 N } (EN ISO 1421-Method 1)
	Warp: 750 N }
	UV resistant-suitable for outdoor applications.

Certificates : DIN 4102-B2
(Raw material)



Application Areas

Extraction of polluted indoor air, dust, welding / solder fumes etc. / Transfer of non-abresive granules and particles. / Ventilation heating and cooling / Tent ventilation / Low and medium pressure applications / Vehicle and wagon ventilation / Parking garage ventilation / Tunnel and subway ventilation.

CLIPAFS-PVC.H

Hose Wall	: PVC coated polyester
Wall thickness	: 450 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +70°C
Color	: Black & Grey & Yellow
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Phthalate free according to EN 14372
	Tear Strength Weft: 180 N } (EN ISO 4674-1 Method A)
	Warp: 250 N }
	Tensile Strength Weft: 1400 N } (EN ISO 1421-Method 1)
	Warp: 1500 N }

UV resistant-suitable for outdoor applications.

Certificates : UL Classified (ABD) (ANSI/NFPA 701-Method 1)
for grey coated

Application Areas

Extraction of polluted indoor air, dust, welding / solder fumes etc. / Transfer of non-abresive granules and particles / Ventilation heating and cooling / Tent ventilation / Low and medium pressure applications / Vehicle and wagon ventilation / Parking garage ventilation / Tunnel and subway ventilation.



All technical details on this leaflet are information purposes only and are subject to change without prior notice.





CLIPAFS-PVC.F

Hose Wall	: PVC coated fiberglass
Wall thickness	: 350 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +100°C
Color	: Grey
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile Strength Weft: 1200 N/5 cm Warp: 2000 N/5 cm] (EN ISO 13934-1)
Certificates	: MI (France)

Application Areas

Extraction of polluted indoor air, dust, welding / solder fumes etc. / Transfer of semi-abrasive granules and particles / Extraction of soldering fumes / Ventilation heating and cooling / Tent ventilation / Low and medium pressure applications / Vehicle and wagon ventilation / Parking garage ventilation / Tunnel and subway ventilation.



CLIPAFS-NEOPRENE

Hose Wall	: Neoprene coated fiberglass
Wall thickness	: 450 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +100°C
Color	: Black
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile Strength Weft: 2900 N/5 cm Warp: 3500 N/5 cm] (EN ISO 13934-1)
Certificates	: UL Classified (ANSI/NFPA 701-Method 1) (Fabric)

Application Areas

Extraction of polluted indoor air, dust, welding / solder fumes etc. / Transfer of semi-abrasive granules and particles / Ventilation heating and cooling / Tent ventilation / Low and medium pressure applications / Vehicle and wagon ventilation / Parking garage ventilation / Tunnel and subway ventilation.



CLIPAFS-PU

Hose Wall	: PU coated fiberglass
Wall thickness	: 450 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +100°C
Color	: Black & Grey
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile Strength Weft: 3100 N/5 cm Warp: 3400 N/5 cm] (EN ISO 13934-1)
Certificates	: NFPA 701(Formerly UL 214) M0 (France)

Application Areas

Extraction of polluted indoor air, dust, welding / solder fumes etc. / Transfer of semi-abrasive granules and particles / Ventilation heating and cooling / Tent ventilation / Low and medium pressure applications / Vehicle and wagon ventilation / Parking garage ventilation / Tunnel and subway ventilation



CLIPAFS-SILICONE

Hose Wall	: Silicone coated fiberglass
Wall thickness	: 430 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -30°C / +250°C
Color	: Grey
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile Strength Weft: 1900 N/5 cm Warp: 2400 N/5 cm] (EN ISO 13934-1)
Certificates	: UL Classified (ANSI/NFPA 701-Method 1) (Fabric)

Application Areas

Extraction and ducting of hot air and gaseous media with high operating and ambient temperatures / Transfer of semi-abrasive granules and particles / Chemicals industry / Plastic processing industry / Aircraft industry / Engine manufacturing / Shipbuilding / Low and medium pressure applications / Vehicle and wagon ventilation.

CLIPAFS-HT900

Hose Wall	: Medium duty fabric
Wall thickness	: 660 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 600 mm
Temperature Range	: -10°C / +900°C
Color	: Grey (gold inside)
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile strength Weft: 1500 N/5 cm Warp: 1800 N/5 cm] (House method)

Application Areas

Extraction and ducting of hot air and gaseous media with high operating and ambient temperatures / Chemicals industry / Plastic processing industry / Paint mist extraction / Paint, wood & paper industries / Extraction of solvents / Pharmaceutical industry. It is not recommended for positive pressure application it may cause to air leakage (when used above 100 C).

CLIPAFS-TEFLON

Hose Wall	: Teflon coated fiberglass
Wall thickness	: 140 micron
Outer Profile Helix	: Galvanized steel
Diameter Range (Ø)	: 80 - 203 mm
Temperature Range	: -150°C / +260°C
Color	: Light brown
Standard Length	: 5m
Compression Ratio	: 1/10
Bending Radius	: 1 x Ø
Fabric Properties	: Tensile strength 1800 N/5 cm

Application Areas

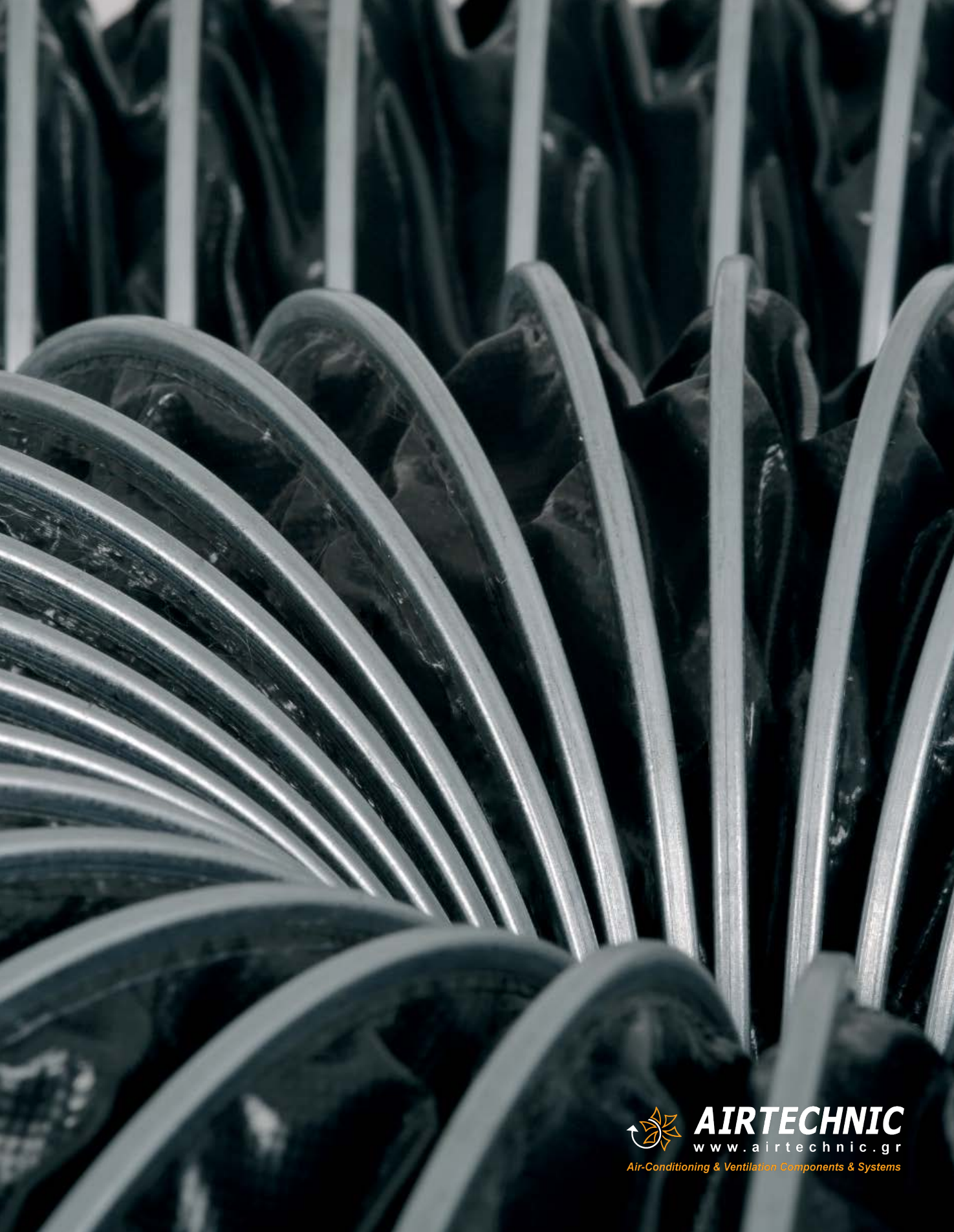
Extraction and ducting of hot air and gaseous media with high operating and ambient temperatures / Chemicals industry / Plastic processing industry / Paint mist extraction paint, wood & paper industries / Extraction of solvents / Pharmaceutical industry.



INSULATED CLIP DUCTING

Hose Wall	: PVC coated polyester fabric
Wall thickness	: 450 micron
Jacket construction	: PVC coated polyester mesh
Wall thickness of jacket	: 330 micron
Insulation - Thickness - Density	: Glass wool - 25 mm - 16 kg/m ³
Diameter Range (Ø)	: 82-305 mm
Temperature Range	: -30°C / +70°C
Color	: Grey
Standard Length	: 5m
Fabric Properties	: Phthalate free according to EN 14372
Tear Strength	Weft: 180 N Warp: 250 N] (EN ISO 4674-1 Method A)
Tensile Strength	Weft: 1400 N Warp: 1500 N] (EN ISO 1421-Method 1)
UV resistant-suitable for outdoor applications.	





AIRTECHNIC

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Air-Conditioning & Ventilation Components & Systems

Clip Ducting Industrial Hoses



AFS[®]

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