

**reliability**

## Clip Ducting Industrial Hoses



industrial series

**AFS**<sup>®</sup>



## 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 Warp: 65 N ] (EN ISO 4674-1 Method A)
Tensile Strength	Weft: 650 N Warp: 750 N ] (EN ISO 1421-Method 1)

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 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.

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

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

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

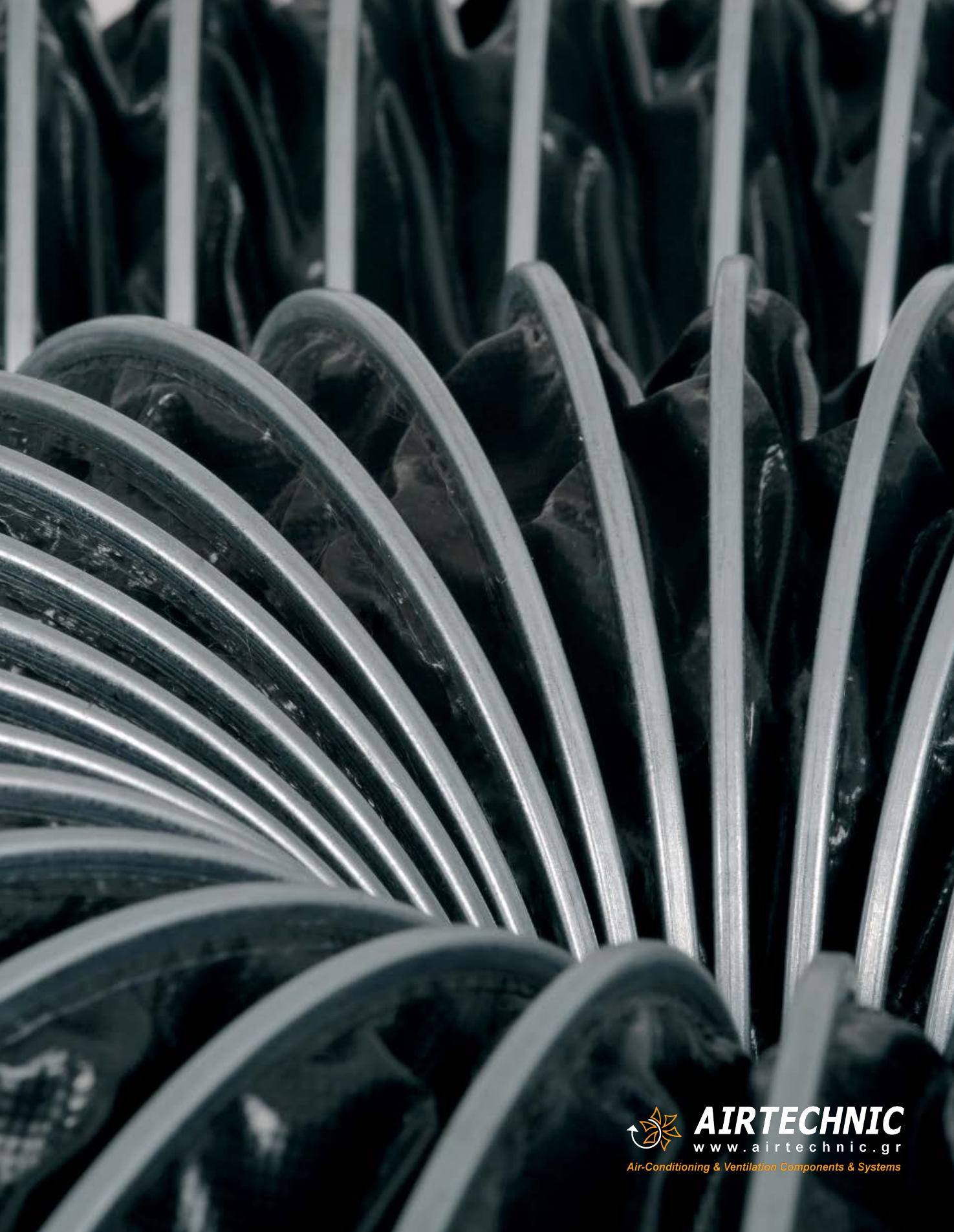


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## INSULATED CLIP DUCTING

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 <sup>3</sup>
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.	





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## Clip Ducting Industrial Hoses



**AFS**<sup>®</sup>

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