reliability

Clip Ducting Industrial Hoses

industrial series

afs.com.tr

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	:	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	:	REACH COMPLIANT, RoHS COMPLIANT

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	:	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 / +70˚C (for short term use: -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] (ENISO13934-1)

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] (ENISO13934-1)
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 ventiliation / 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] (ENISO13934-1)
Certificates	:	NFPA 701(Formerly UL 214)
		M0 (France)
		$A2\text{-}S_2$, d0 (EN 13501-1) (Europe) - Raw material.

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] (ENISO13934-1)
		UL Classified (ANSI/NFPA 701-Method 1) (Fabric)
Certificates	:	F400/120 min (Spain)
		$A2\text{-}S_2$, d0 (EN 13501-1) - Raw material.

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-HT

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
Standard Length	:	5m
Compression Ratio	:	1/10
Bending Radius	:	1 x Ø
Fabric Properties	:	High temperature special fabric coated with (one sided) aluminium pigmented PU

Application Areas

High temperature applications / Suitable for where welding sparks and molten metal splashes occur / Ceramic furnaces / Not recomended for positive pressure applications.

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

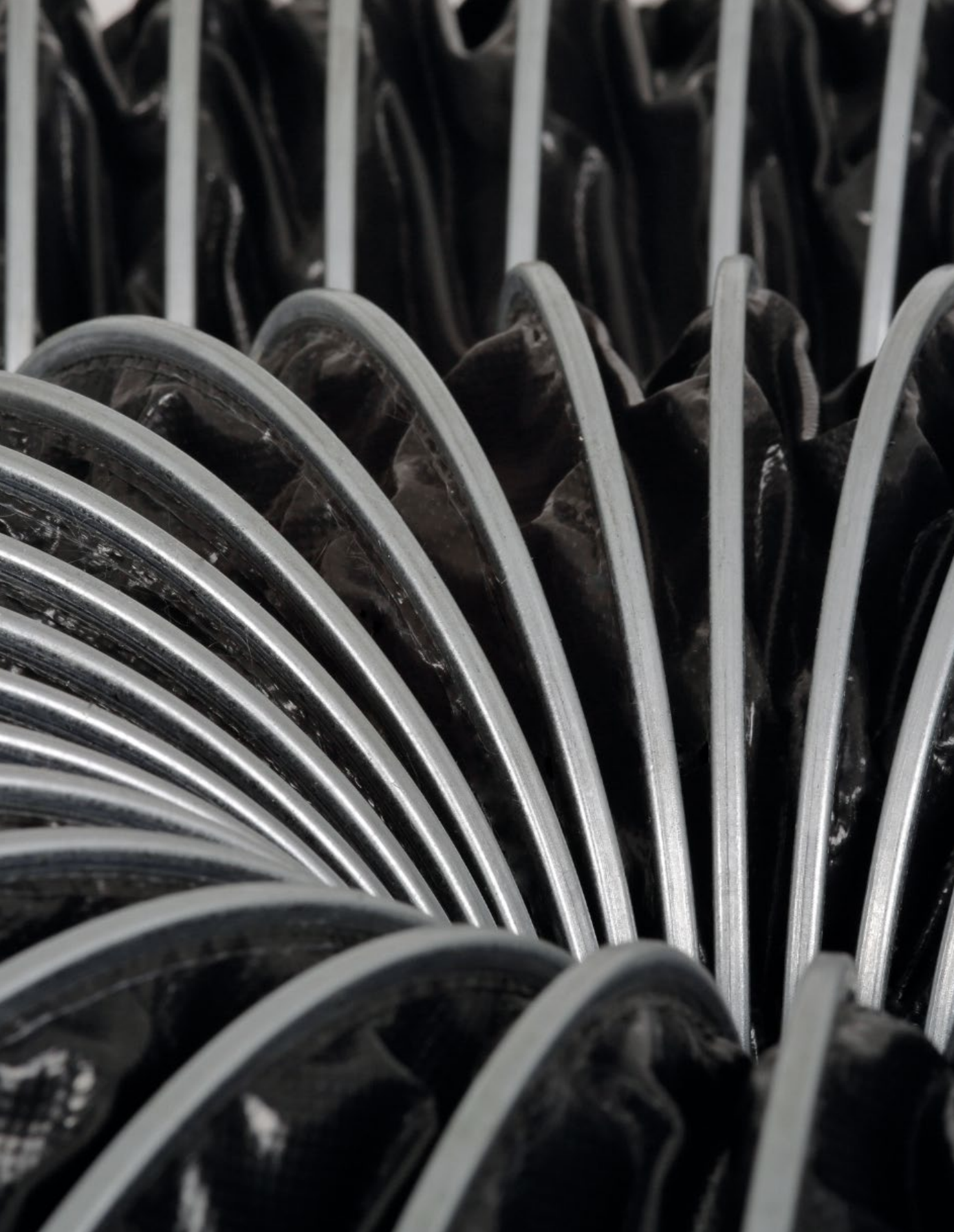
Application Areas

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	:	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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