

FLEXIBLE AIR DUCTS

Rev.02
26-05-2015



GMC-100/110-ALUMINIUM FLEXIBLE DUCTS:

- Made of laminated aluminum foil both inner-outer surface and high tensile steel wire for heating ventilation and gas transition systems.
- Suitable for low and medium pressure atmosphere. Ability to press and twist. Air tight, resistant to tear and wear.
- Certified by CSTMB as M1 (Flame retardant) with Europe Fire Standards. No cause of poisonous gas in case of fire.

NON-INSULATED ALUMINUM FLEXIBLE AIR DUCT

PRODUCT CODE	GMC ECO-100	GMC LUX-110
CONSTRUCTION	2 layers of Aluminium, 1 layer of Polyester.	3 layers of Aluminium, 2 layers of Polyester.
NOMINAL THICKNESS	47 micron	73 micron
DIAMETER RANGE	76mm – 860mm	76mm – 860mm
OPERATOR TEMP – RANGE	-30° C / +140°C	-30° C / +250°C
AIR VELOCITY	30 m/s (Max.)	30 m/s (Max.)
OPERATING PRESSURE	2500 Pa (Max.)	3000 Pa (Max.)
BENDING RADIUS	0,54 x Ø	0,54 x Ø
STANDARD LENGTH	10 mt.	10 mt.
PACKAGE TYPE	Boxed	Boxed
REACTION TO FIRE	Fire retardant.	Fire retardant..

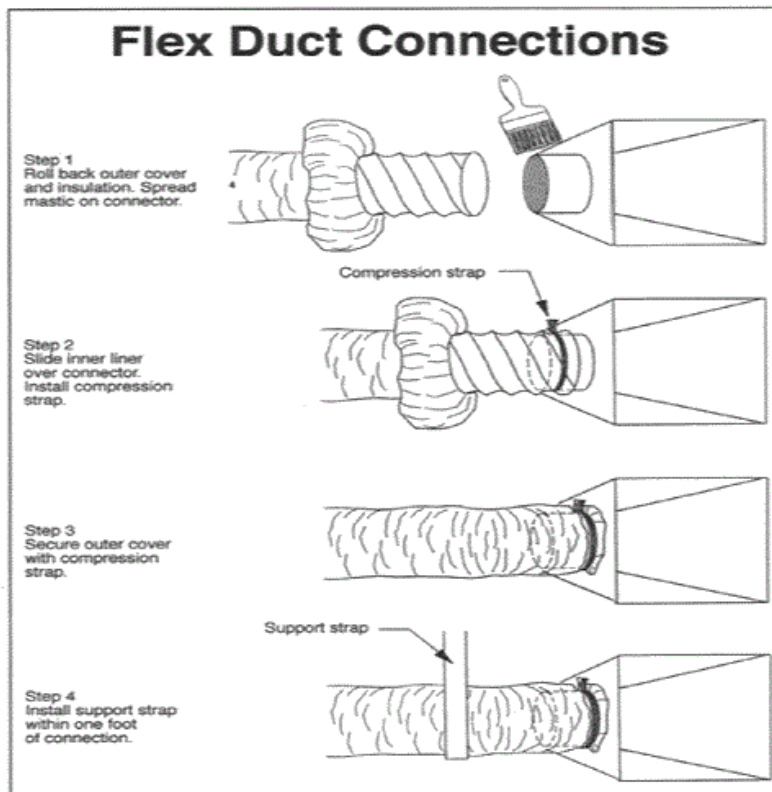


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INSULATED ALUMINUM FLEXIBLE AIR DUCT				
PRODUCT CODE	GMC ECO-101	GMC ECO-102	GMC LUX-111	GMC-LUX-112
CONSTRUCTION	2 layers of Aluminium, 1 layer of Polyester.	Inner Shell: Micro-Perforated 3 layers of Al, 2 layers of Polyester.	3 layers of Aluminium, 2 layers of Polyester.	Inner Shell: Micro-Perforated 3 layers of Al, 2 layers of Polyester.
OUTER CONSTRUCTION	Metalized Polyester, Strength booster&Fireproof Wire	Metalized Polyester, Strength booster&Fireproof Wire	Metalized Polyester, Strength booster&Fireproof Wire	Metalized Polyester, Strength booster&Fireproof Wire
ISOLATION	25mm Glasswool (14kg/m ³)	25mm Glasswool (14kg/m ³)	25mm Glasswool (14kg/m ³)	25mm Glasswool (14kg/m ³)
NOMINAL THICKNESS	47 micron	47 micron	73 micron	73 micron
DIAMETER RANGE	Ø76mm – Ø860mm	Ø76mm – Ø860mm	Ø76mm – Ø860mm	Ø76mm – Ø860mm
OPERATOR TEMP – RANGE	-30 ⁰ C / +140 ⁰ C	-30 ⁰ C / +140 ⁰ C	-30 ⁰ C / +250 ⁰ C	-30 ⁰ C / +250 ⁰ C
AIR VELOCITY	30 m/s (Max.)	-30 ⁰ C / +140 ⁰ C	30 m/s (Max.)	30 m/s (Max.)
OPERATING PRESSURE	2500 Pa (Max.)	2500 Pa (Max.)	3000 Pa (Max.)	3000 Pa (Max.)
BENDING RADIUS	0,54 x Ø	0,54 x Ø	0,54 x Ø	0,54 x Ø
STANDARD LENGTH	10 mt.	10 mt.	10 mt.	10 mt.
PACKAGE TYPE	Boxed	Boxed	Boxed	Boxed
REACTION TO FIRE	Fire retardand.	Fire retardand.	Fire retardand.	Fire retardand.



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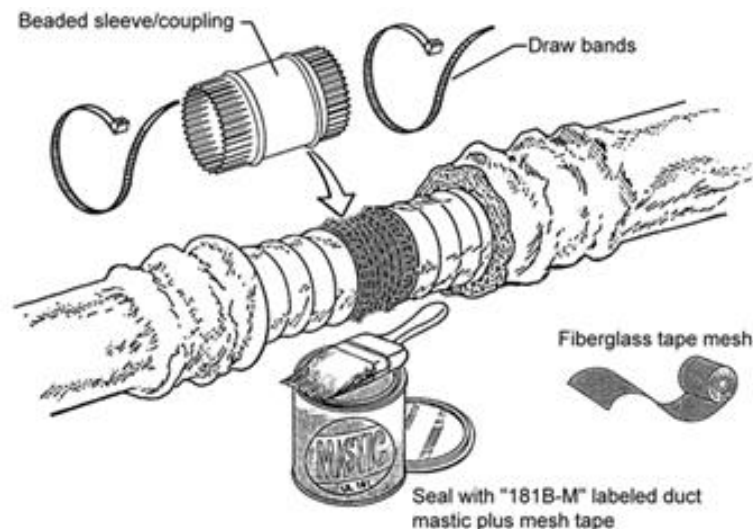


GMC-200-PVC FLEXIBLE AIR DUCTS

- Manufactured for heating ventilation and gas transition systems especially for industrial field which is included various particles(Appropriate to TS EN 13180).
- Made of 300/450 denier polyester fabric reinforced PVC and high tensile steel wire.
- Suitable for low and medium pressure atmosphere. High resistant to physical strokes and tears. Ability to press and twist.
- Flame retardant.

NON-INSULATED FLEXIBLE PVC AIR DUCT

PRODUCT CODE	GMC PVC-200
MATERIAL	300/450 denier polyester fabric reinforced PVC
RADIUS RANGE	Ø52mm – Ø610mm
OPERATOR TEMP – RANGE	-30 ⁰ C / +80 ⁰ C
AIR VELOCITY	30 m/s (Max.)
OPERATING PRESSURE	10000 Pa (Max.)
STANDARD LENGTH	10 mt.
PACKAGE TYPE	Boxed
REACTION TO FIRE	Fire retardant.



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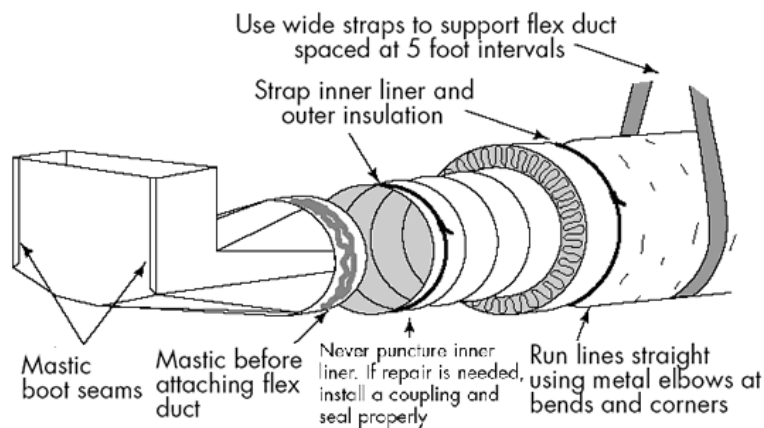


INSULATED FLEXIBLE PVC AIR DUCT	
PRODUCT CODE / ÜRÜN KODU	GMC PVC-201
MATERIAL / MALZEME	300/450 denier polyester fabric reinforced PVC <i>300/450 denye polyester kumaş takviyeli PVC</i>
ISOLATION / İZOLASYON	25mm Camyünü (14kg/m ³)
OUTER MATERIAL / DIŞ MALZEME	PVC / Al / PE
RADIUS RANGE / ÇAP ARALIĞI	Ø52mm – Ø610mm
OPERATOR TEMP – RANGE / ÇALIŞMA SICAKLIK ARALIĞI	-30 ⁰ C / +80 ⁰ C
AIR VELOCITY / HAVA AKIŞ HIZI	30 m/s (Max.)
OPERATING PRESSURE / ÇALIŞMA BASINCI	10000 Pa (Max.)
STANDARD LENGTH / STANDART BOY	10 mt.
PACKAGE TYPE / PAKET TİPİ	Boxed / Kutu
REACTION TO FIRE / ATEŞE TEPKİ	Fire retardand. / Alev yürütmez.

ORDER PARAMETERS:

ECO-100	-	4" - 102 mm
ECO-100: 47µ-Uninsulated ECO-101: 47µ-Insulated ECO-102: 47µ-Micro-Perforated LUX-110: 73µ-Uninsulated LUX-111: 737µ-Insulated LUX-112: 73µ-Micro-Perforated PVC-200: 300/450 dn-Un PVC-201: Category Standard		Requested Diameter in inch and mm.

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CONNECTOR EQUIPMENTS

PVC CONNECTORS GMC PVC-001



Flexible Connector prevents vibration and noise to transfer the galvanized duct which carries air in heating ventilation systems. The material which is placed between two galvanized sheet is locked with multi lock system. Never separates each other.

ALUMINUM CONNECTORS GMC ALU-002



Suitable for insulation of metal alloyed ducts operating under high pressure and areas requiring high humidity proof.

PLASTIC CABLE TIES GMC CAB-003



Connecting the flexibles themselves and to mouth of ducts, plenum boxes and etc.