

## THERMAFLEX FLEXIBLE DUCT

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*Expert Service. Quality Products. Since 1960.*

## THERMAFLEX FLEXIBLE DUCT

[www.thermafex.net](http://www.thermafex.net)

### INSULATED AND NON-INSULATED DUCT FOR COMMERCIAL HVAC

The Pro Series flexible duct products are the most reliable and durable products in the commercial HVAC industry. All products are GreenGuard.

#### Advantages

- Reduced total installed cost – fast economical installation.
- Superior insulation and thermal performance.
- Easily shaped to fit oval inlets and fittings.
- All components are self-extinguishing and will not support flame.
- Certified UL 181 & NFPA 90A and 90B for US and Canada
- Complies with most state and federal standards or codes.
- Unique construction will not unravel when cut.
- Suitable for air venting and drying applications.
- May help contribute to meeting LEED requirements.

### INSULATED FLEX — MODEL M-KE ACOUSTICAL AIR DUCT

The M-KE Acoustical Duct offers exceptional sound control. Its acoustically rated chlorinated polyethylene (CPE) core allows sound energy transmission through the core and insulation, and into the plenum space. A highly efficient, self-extinguishing duct, the M-KE is suitable for use in all pressure heating and cooling systems.

ITEM #	MODEL	SIZE (")	LENGTH (')
702818	M-KE	4	25
702819	M-KE	5	25
702820	M-KE	6	25
702821	M-KE	7	25
702822	M-KE	8	25
702823	M-KE	9	25
702824	M-KE	10	25
702826	M-KE	12	25
702827	M-KE	14	25
702829	M-KE	16	25
702830	M-KE	18	25



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

#### CLASS 1 AIR DUCT



#### Specifications

Diameter:	4 – 20 inches ID
Pressure Rating:	(WG)
Positive:	10 inches (4" – 12" ID) 6 inches (14" – 16" ID) 4 inches (18" – 20" ID)
Negative:	1 inch (4" – 12" ID) 1/2 inch (14" – 20" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 200°F cont. -20°F to 250°F intermittent
R-Value:	R-4.2, R-6.0, R-8.0

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# THERMAFLEX FLEXIBLE DUCT

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## INSULATED FLEX — MODEL G-KM AIR DUCT

Highly efficient, thermally insulated flexible duct for use in low and medium pressure heating and cooling systems. Acoustically rated, self-extinguishing CPE core easily expands over fittings. Core is permanently bonded to a coated spring steel wire helix that supports an ample blanket of fiberglass insulation over a fiberglass scrim and a tough polyethylene vapour barrier. Smooth liner, insulation, and tough vapour barrier provide even airflow and a double air seal.

ITEM #	MODEL	SIZE (")	LENGTH (')
702987	G-KM	3	25
702990	G-KM	4	25
702991	G-KM	5	25
702992	G-KM	6	25
702993	G-KM	7	25
702994	G-KM	8	25
702995	G-KM	9	25
702996	G-KM	10	25
702997	G-KM	12	25
702998	G-KM	14	25
702999	G-KM	16	25
702983	G-KM	18	25
702985	G-KM	20	25



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

**CLASS 1 AIR DUCT  
AVAILABLE  
IN SIZES  
FROM 2" TO 20"**



### Specifications

Diameter:	3 – 20 inches ID
Pressure Rating:	(WG)
Positive:	6 inches (3" – 16" ID) 4 inches (18" – 20" ID)
Negative:	1 inch (4" – 12" ID) 1/2 inch (14" – 20" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 200°F cont. -20°F to 250°F intermittent
R-Value:	R-4.2, R-8.0

## THERMAFLEX FLEXIBLE DUCT

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### FIBERGLASS CLOTH FLEX — NON-INSULATED — MODEL ST-L

Non-insulated UL 181 Class 1 flexible air duct, extremely strong with heavy fiberglass cloth fabric permanently bonded to a corrosion resistant spring steel wire helix. For low to high pressure heating and cooling systems. A superior alternative in applications where insulated duct is not required or cannot be used, e.g., clean room applications. Unlike connector-rated products, S-TL is not limited to length of run.

ITEM #	MODEL	SIZE (")	LENGTH (')
702896	STL	10	25
702897	STL	12	25
702898	STL	14	25
702913	STL	16	15
702914	STL	18	15
702916	STL	20	15

#### Specifications

Diameter:	2 – 20 inches ID
Pressure Rating:	(WG)
Positive:	16 inches (2" – 10" ID) 10 inches (12" – 20" ID)
Negative:	1 inch (2" – 20" ID)
Velocity:	6000 FPM
Temperature Range:	-20°F to 250°F



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

#### CLASS 1 AIR DUCT



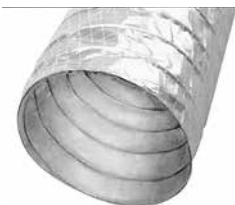
### FOIL FLEX — NON-INSULATED — MODEL S-LD AIR CONNECTOR

Non-insulated air connector with a reinforced metallized film laminate jacket, permanently bonded to a corrosion resistant coated spring steel wire helix. For all pressure heating and cooling systems. An economical alternative where insulated duct is not required.

ITEM #	MODEL	SIZE (")	LENGTH (')
702977	S-LD	3	25
702978	S-LD	4	25
702979	S-LD	5	25
702980	S-LD	6	25
702982	S-LD	7	25
702984	S-LD	8	25
702986	S-LD	10	25
702988	S-LD	12	25
702989	S-LD	14	25

#### Specifications

Diameter:	3 – 14 inches ID
Pressure Rating:	(WG)
Positive:	10 inches (3" – 14" ID)
Negative:	1 inch (3" – 14" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 250°F



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

#### CLASS 1 CONNECTOR



## THERMAFLEX FLEXIBLE DUCT

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### FIBERGLASS CLOTH FLEX — NON-INSULATED — MODEL S-LP-10 AIR CONNECTOR

Non-insulated air connector with extremely strong woven fiberglass fabric with flame retardant coating, permanently bonded to a corrosion resistant coated spring steel wire helix. For all pressure heating and cooling systems. A superior alternative in applications where insulated duct is not required, or cannot be used.

ITEM #	MODEL	SIZE (")	LENGTH (')
702900	SLP-10	3	25
702901	SLP-10	4	25
702902	SLP-10	5	25
702903	SLP-10	6	25
702904	SLP-10	7	25
702905	SLP-10	8	25
702906	SLP-10	9	25
702907	SLP-10	10	25
702909	SLP-10	12	25
702911	SLP-10	14	25



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

**CLASS 1  
CONNECTOR**



#### Specifications

Diameter:	2– 14 inches ID
Pressure Rating:	(WG)
Positive:	10 inches (2" – 14" ID)
Negative:	1 inch (2" – 14" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 250°F

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# THERMAFLEX FLEXIBLE DUCT

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## FLEX-VENT FOR RESIDENTIAL HVAC

Flex-Vent offers a complete line of high-quality, value-priced duct products. There's no better product line for the money.

### Advantages

- Reduced total installation cost - fast, economical installation.
- Certified UL 181 & NFPA 90A and 90B for US and Canada.
- Superior insulation and thermal performance.
- Easily shaped to fit over all inlets and quickly connects to fast fittings.
- Unique construction will not unravel when cut.

## INSULATED FLEX — MODEL KP AIR DUCT

Strong polyester film laminated and encapsulating a heavy, corrosion-resistant steel wire helix, forms the inner core and supports a thick blanket of fiberglass insulation over a fiberglass scrim. The outer vapour barrier is a jacket of durable black polyethylene. Designed for low to medium pressure systems.

ITEM #	MODEL	SIZE (")	LENGTH (')
702878	KP	4	25
702879	KP	5	25
702880	KP	6	25
702881	KP	7	25
702882	KP	8	25
702883	KP	9	25
702884	KP	10	25
702885	KP	12	25
702886	KP	14	25
702887	KP	16	25
702888	KP	18	25
702889	KP	20	25



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

### CLASS 1 AIR DUCT



### Specifications

Diameter:	4 – 20 inches ID
Pressure Rating:	(WG)
Positive:	10 inches (4" – 16" ID) 6 inches (18" – 20" ID)
Negative:	1/2 inch (4" – 20" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 250°F cont.
R-Value:	R-4.2, R-6.0, R-8.0

## THERMAFLEX FLEXIBLE DUCT

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### FOIL FLEX — NON-INSULATED — MODEL MC AIR CONNECTOR

Use this non-insulated and economically priced flexible connector in medium to low pressure air conditioning systems and in air venting and drying applications. The corrosion resistant spring steel wire helix is laminated with multiple layers of clear and metallized polyester film, fully laminated with adhesive. Oversized for quick installation.



Meets UL 181  
and NFPA 90A-90B  
Fire Codes

ITEM #	MODEL	SIZE (")	LENGTH (')
702765	MC	3	25
702766	MC	4	25
702767	MC	5	25
702768	MC	6	25
702769	MC	7	25
702770	MC	8	25
702772	MC	10	25
702773	MC	12	25
702774	MC	14	25

#### Specifications

Diameter:	3 – 14 inches ID
Pressure Rating:	(WG)
Positive:	10 inches (3" – 20" ID)
Negative:	1 inch (3" – 12" ID) 1/2 inch (14" – 20" ID)
Velocity:	5000 FPM
Temperature Range:	-20°F to 250°F