



Offering Flexible Solutions

Flexible Hose and Duct Product Catalog





The Flexaust Company has manufactured durable, long lasting, flexible hose and duct solutions for industrial, appliance, and commercial applications for over 65 years. Our hose products are used in applications involving air, dust, fume, and lightweight materials. We offer the largest selection of products in the ducting, floor care, and cable management industries; including wire reinforced coated fabric hose, wire reinforced plastic hose in regular as well as stretch construction, hand-bendable metal ducting, all plastic wet or dry vacuum hose, and blow molded corrugated tubing products.

Flexaust's first commitment will always be to produce the highest quality products and to exceed our customers' expectations. Even with growing demands for new and innovative products, the driving motivation remains delivering value to our customers.

It all began in 1938 when Arizona mining engineer Harold Hersey filled a desperate need for the mining industry by developing the first flexible hose system to vent fumes and bring fresh air to hard working miners. The transition from mining to industrial application was sparked by the heavy construction activities of World War II. After the war, Flexaust continued to grow by supporting industry with hose and duct that would improve the workplace environment.

We are proud of our past, but more importantly, we are excited and focused on the future. As part of the international Schauenburg Group, our worldwide support allows us the efficiency to draw upon the various resources and expertise with the different units of the group. Innovation, creativity, and a "can do" spirit are the heart of where we're going. This includes the introduction of new products and processes, the potential of strategic acquisitions, and a step-up in our support and training of distributors. The Flexaust Company...offering flexible solutions.

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Product

A

AIR

- Heating or Cooling
- Drying
- Dehumidifying
- Cleaning
- Dust Covers
- Supply
- Connectors
- Air Filter Intakes

F

FUME

- Laboratory
- Industrial
- Automotive
- Painting
- Welding
- Soldering
- Plating

D

DUST

- Filtering
- Movement
- Exhaust
- Duct Cleaning
- Textile Fiber Collection
- Vacuum Cleaning
- Lint Collection
- Loading (containment)
- Cutting
- Grinding

M

Light Weight Materials Handling

- Shavings
- Chips
- Powders
- Debris
- Leaf Collection
- Street Sweeping
- Lawn Vacuum
- Slurries
- Sawdust Collection
- Drains
- Packing Popcorn

Selection Guide

There are five critical factors in selecting the proper hose and ducting for your application. These are: Size, Temperature, Application, Media, and Pressure. The superior strength of Flexaust hose and ducting makes them suitable for the pressures and velocities normally required for industrial air movement, dust collection, fume control, and light bulk material handling.

S**IZE:** Specify the I.D. of the Flexaust hose or duct required.


T**EMPERATURE:** Determine media temperature (°F).

A**PPPLICATION:** Specify if Air, Fume, Dust, and/or Light Weight Materials will be flowing through the hose or duct. See listings on opposite page.

M**EDIA:** Determine what media is going through the hose or duct.

P**RESSURE:** Specify type of pressure. Positive (psi), Negative (Inches Hg.), and/or Inches w.g.








SAMPLE








Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
R-2  A F .RU	1 1/4" to 18" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25' & 50'	20° to 160°	<ul style="list-style-type: none">• Medium weight blue or clear PVC hose reinforced with a spring steel wire helix• Good for positive pressure and light vacuum applications• Combines extreme flexibility and excellent compressibility with tight bending characteristics• Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics• Resists weathering, chemicals, and moisture• Good abrasion resistance• Blue is listed as UL 94V-0 flame retardant• Clear is manufactured with FDA acceptable materials








name of hose







designates UL 94V-0 rating








construction profile of hose







Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
R-2  A F	1 1/4" to 18" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25' & 50'	20° to 160°	<ul style="list-style-type: none"> • Medium weight blue or clear PVC hose reinforced with a spring steel wire helix • Good for positive pressure and light vacuum applications • Combines extreme flexibility and excellent compressibility with tight bending characteristics • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics • Resists weathering, chemicals, and moisture • Good abrasion resistance • Blue is listed as UL 94V-0 flame retardant • Clear is manufactured with FDA acceptable materials
R-2 ADC  A F	6" to 14"	25'	20° to 160°	<ul style="list-style-type: none"> • Medium weight clear PVC hose reinforced with a spring steel wire helix • Good for positive pressure and light vacuum applications • Combines extreme flexibility and excellent compressibility with tight bending characteristics • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics • Resists weathering, chemicals, and moisture • Good abrasion resistance • Manufactured with FDA acceptable materials
R-7  D M	stock 2" to 12" custom to 24"	25' & 50'	20° to 160°	<ul style="list-style-type: none"> • Medium weight clear PVC hose with a blue external wearstrip reinforced with a spring steel wire helix • Suited for positive and negative pressures • Smooth inner surface assures minimal pressure drop and friction loss • Resists weathering, chemicals, and moisture • Combines optimum flexibility and durability with tight bending characteristics • Wearstrip offers external abrasion resistance
R-3  M	1 1/4" to 16" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25' & 50'	20° to 160°	<ul style="list-style-type: none"> • Heavy weight blue or clear PVC hose reinforced with a coated spring steel wire helix (sizes 14" I.D. and above not available with a coated wire) • Good for positive pressure and heavy vacuum applications • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics • Resists weathering, chemicals, and moisture • Superior internal and external abrasion resistance • Coated wire creates a smooth bend radius • Blue is listed as UL 94V-0 flame retardant • Clear is manufactured with FDA acceptable materials
XLT  A F	2" to 6"	25'	-40° to 275°	<ul style="list-style-type: none"> • Light weight black thermoplastic rubber hose reinforced with a spring steel wire helix • Recommended for light duty, low pressure applications • Resistant to ozone, UV rays, weathering, oil, and chemicals • Excellent temperature capabilities • Close pitch wire reinforcement offers superior flexibility and compressibility
LT  A F	1 1/2" to 16"	25' & 50'	-40° to 275°	<ul style="list-style-type: none"> • Medium weight black thermoplastic rubber hose reinforced with a spring steel wire helix • Excellent compressibility and flexibility • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics • Resistant to ozone, UV rays, weathering, oil, and chemicals
T-7  D M	2" to 24" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25' & 50'	-40° to 275°	<ul style="list-style-type: none"> • Medium weight black thermoplastic rubber hose with a yellow external wearstrip reinforced with a spring steel wire helix • Designed for wide temperature ranges while maintaining flexibility • Good abrasion resistance • Suited for extreme moisture and broad chemical applications • Resistant to ozone, UV rays, weathering, oil, and chemicals • Wearstrip offers external abrasion resistance • Combines extreme flexibility and excellent compressibility with tight bending characteristics • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics







Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
T-7NW  D M	2" to 24"	25' & 50'	-40° to 275°	<ul style="list-style-type: none"> • Medium weight black thermoplastic rubber hose reinforced with a spring steel wire helix • Designed for wide temperature ranges while maintaining flexibility • Good abrasion resistance • Suited for extreme moisture and broad chemical applications • Resistant to ozone, UV rays, weathering, oil, and chemicals • Combines extreme flexibility and excellent compressibility with tight bending characteristics • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics
T-7LC  D M	8" to 20"	10'	-40° to 275°	<ul style="list-style-type: none"> • Medium weight black thermoplastic rubber hose with a yellow external wearstrip reinforced with a spring steel wire helix • Designed for wide temperature ranges while maintaining flexibility • Good abrasion resistance • Suited for extreme moisture and broad chemical applications • Resistant to ozone, UV rays, weathering, oil, and chemicals • Wearstrip offers external abrasion resistance • Combines extreme flexibility and excellent compressibility with tight bending characteristics • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics • "LC" construction has a heavier wall increasing the internal & external abrasion resistance
HT  M	1 1/2" to 16"	25' & 50'	-40° to 275°	<ul style="list-style-type: none"> • Heavy weight black thermoplastic rubber hose reinforced with a spring steel wire helix • Suitable for more demanding positive and negative pressure applications • Resistant to ozone, UV rays, weathering, oil, and chemicals • Designed for wide temperature ranges • Easy to clean, smooth inner surface assures minimal friction loss and efficient flow characteristics
TFR  A F	2" to 12"	25' & 50'	-40° to 275° (Intermittent to 300°)	<ul style="list-style-type: none"> • Thermoplastic rubber coated black polyester fabric hose with a spring steel wire helix • TFR combines the ozone, UV, weathering, oil, and chemical resistance of thermoplastic rubber with the tensile strength and fatigue resistance of fabric hoses • Suited for extreme moisture and broad chemical applications • Designed for wide temperature ranges • Good abrasion resistance • Available with an orange external wearstrip (TFR-W)
Flx-Thane® LD  A F D	2" to 18" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25'	-65° to 225°	<ul style="list-style-type: none"> • Light weight black or clear polyurethane hose reinforced with a spring steel wire helix • Excellent compressibility • Cut, gouge, and chemical resistant • Efficient flow characteristics • Designed for wide temperature ranges • Offers maximum combination of flexibility and abrasion resistance • Clear is manufactured with FDA acceptable materials
Flx-Thane® MD  M	2" to 24" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25' & 50'	-65° to 225°	<ul style="list-style-type: none"> • Medium weight black or clear polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. and above not available with a coated wire) • Excellent compressibility • Offers maximum combination of flexibility and abrasion resistance • Cut, gouge, and chemical resistant • Efficient flow characteristics • Designed for wide temperature ranges • Coated wire creates a smooth bend radius • Clear is manufactured with FDA acceptable materials
Flx-Thane® HD  M	2" to 24" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25'	-65° to 225°	<ul style="list-style-type: none"> • Heavy weight black or clear polyurethane hose reinforced with a coated spring steel wire helix (sizes 12" I.D. and above not available with a coated wire) • Excellent compressibility • Offers maximum combination of flexibility and abrasion resistance • Cut, gouge, and chemical resistant • Efficient flow characteristics • Designed for wide temperature ranges • Coated wire creates a smooth bend radius • Clear is manufactured with FDA acceptable materials







Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
Flx-Thane® SD  M	2" to 12"	25' & 50'	-65° to 225°	<ul style="list-style-type: none"> • Medium weight black or clear static dissipative polyurethane hose reinforced with a spring steel wire helix • Excellent compressibility • Offers maximum combination of flexibility and abrasion resistance • Cut, gouge, and chemical resistant • Efficient flow characteristics • Designed for wide temperature ranges • Reduces static in material handling applications • Surface resistance level: 10⁸-10¹⁰ Ohms/Square
MG-V  A F D M	3/4" to 2"	50'	-10° to 160°	<ul style="list-style-type: none"> • Gray PVC hose reinforced with a vinyl coated spring steel wire helix • Light weight and flexible • Good chemical resistance
MG-U  A F D M	3/4" to 2"	25' & 50'	-60° to 160°	<ul style="list-style-type: none"> • Black elastomer polyurethane hose reinforced with a vinyl coated spring steel wire helix • Light weight and flexible • Good chemical resistance
Flextube-External Helix  A M	3/4" to 2"	50'	-20° to 160°	<ul style="list-style-type: none"> • Plastic external helix supported black PVC tape hose • Absolutely smooth inner surface assures minimal friction loss and efficient flow characteristics • Light weight, flexible, and abrasion resistant • Can also be compounded in polyurethane and thermoplastic rubber elastomer materials • Ideal for a wide range of floor care and general industrial applications
Flextube-Internal Helix  A M	3/4" to 2"	50'	-20° to 160°	<ul style="list-style-type: none"> • Plastic internal helix supported black PVC tape hose • Absolutely smooth inner surface assures minimal friction loss and efficient flow characteristics • Light weight, flexible, and abrasion resistant • Can also be compounded in polyurethane and thermoplastic rubber elastomer materials • Ideal for a wide range of floor care and general industrial applications
Flextube-Hidden Helix  A M	3/4" to 2"	50'	-20° to 160°	<ul style="list-style-type: none"> • Plastic hidden helix supported black PVC tape hose • Absolutely smooth inner surface assures minimal friction loss and efficient flow characteristics • Light weight, flexible, and abrasion resistant • Can also be compounded in polyurethane and thermoplastic rubber elastomer materials • Ideal for a wide range of floor care and general industrial applications
Saniflex  M	3/4" to 2"	50'	-20° to 180°	<ul style="list-style-type: none"> • Plastic helix supported natural colored PVC tape hose • Absolutely smooth inner surface assures minimal friction loss and efficient flow characteristics • Light weight, flexible, and abrasion resistant • Can also be compounded in polyurethane and thermoplastic rubber elastomer materials • Ideal for a wide range of floor care and general industrial applications








Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
CWC  D	stock 2" to 24" custom to 48"	25'	-40° to 250°	<ul style="list-style-type: none"> Double-ply neoprene coated black polyester fabric hose reinforced with a spring steel wire helix • Excellent crush resistance and tensile strength • Neoprene coating offers excellent abrasion and chemical resistance • Handles positive and negative pressure Listed as UL 94V-0 flame retardant
CWC-W  D M	stock 3" to 24" custom to 48"	25'	-40° to 250°	<ul style="list-style-type: none"> Double-ply neoprene coated black polyester fabric hose with a yellow external wearstrip reinforced with a spring steel wire helix Excellent crush resistance and tensile strength • Neoprene coating offers excellent abrasion and chemical resistance Handles positive and negative pressure • Wearstrip offers external abrasion resistance • Listed as UL 94V-0 flame retardant
CWGP  D	stock 1" to 24" custom to 48" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25'	-40° to 250°	<ul style="list-style-type: none"> Double-ply neoprene coated black polyester fabric hose reinforced with a spring steel wire helix • Excellent crush resistance and tensile strength • Neoprene coating offers excellent abrasion and chemical resistance • Handles positive and negative pressure • Extremely flexible • More durable than double-ply cotton hose Listed as UL 94V-0 flame retardant
CWS  A F	2" to 12"	25'	-65° to 250°	<ul style="list-style-type: none"> Single-ply neoprene coated black polyester fabric hose reinforced with a spring steel wire helix • Recommended for light duty, low pressure applications • Extremely flexible • Neoprene coating offers excellent abrasion and chemical resistance Designed for wide temperature ranges • Listed as UL 94V-0 flame retardant
CWS-PR  A F	2" to 10"	Made to order	-40° to 160°	<ul style="list-style-type: none"> Single-ply neoprene coated black polyester fabric hose reinforced with a spiral polyethylene rod helix • Completely non-metallic and non-magnetic • Non-metallic polyethylene rod helix eliminates sparking and resists corrosion & permanent deformation • Light weight and flexible, easily ovalizes for installation in tight places Efficient flow characteristics • Good abrasion resistance
CWY  M	stock 4" to 24" custom to 48"	25'	-40° to 250°	<ul style="list-style-type: none"> Double-ply neoprene coated black nylon fabric hose reinforced with a spring steel wire helix • Neoprene and nylon construction offers excellent abrasion resistance and superior flex life • Handles both positive and negative pressure • High strength-to-weight ratio Efficient flow characteristics • Excellent tensile strength Available with a yellow external wearstrip (CWY-W)


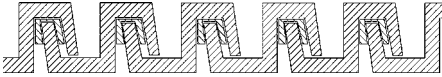

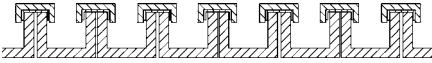
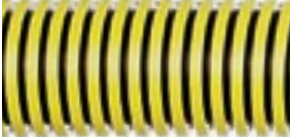
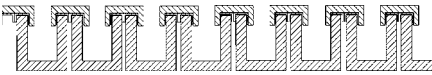

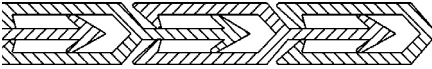




Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
FSP-I  A F RU	3" to 12" Metric sizes: 60 mm to 300 mm (2.36" to 11.84")	25'	-20° to 180°	<ul style="list-style-type: none"> • Single-ply PVC vinyl coated black polyester fabric hose with an orange external wearstrip reinforced with a spring steel wire helix • Low friction loss • Chemical and moisture resistant • Wearstrip offers external abrasion resistance • Listed as UL 94V-0 flame retardant
FSP-II  D RU	3" to 12"	25'	-20° to 180°	<ul style="list-style-type: none"> • Double-ply PVC vinyl coated black polyester fabric hose with an orange external wearstrip reinforced with a spring steel wire helix • Moisture, mildew, and chemical resistant • Wearstrip offers external abrasion resistance • Operates under positive and negative pressures • Low friction loss • Listed as UL 94V-0 flame retardant
FSP-II Bridge  D M	stock 12" to 24" custom to 48"	25'	-20° to 180°	<ul style="list-style-type: none"> • Double-ply PVC vinyl coated black polyester fabric hose with a gray external wearstrip reinforced with a spring steel wire helix • Moisture, mildew, and chemical resistant • Wearstrip offers external abrasion resistance • Operates under positive and negative pressures • Low friction loss • Manufactured with flame retardant materials
CW-325  A F RU	1 1/2" to 16"	25'	-20° to 325°	<ul style="list-style-type: none"> • Single-ply acrylic coated black polyester fabric hose reinforced with a spring steel wire helix • Ideal for air & fume handling applications with temperatures up to 325°F • Designed for wide temperature ranges • Light weight and flexible • Listed as UL 94V-0 flame retardant
White  A D M	1 1/2" to 24"	25'	-20° to 325°	<ul style="list-style-type: none"> • Double-ply acrylic coated white polyester fabric hose reinforced with a spring steel wire helix • Low friction loss • Efficient flow characteristics • Abrasion resistant • Designed for wide temperature ranges • Manufactured with FDA acceptable materials
Conduct-O-Flex  A D	stock 1" to 24" custom to 48"	25'	-40° to 250°	<ul style="list-style-type: none"> • Double-ply neoprene coated black polyester fabric hose coated with a conductive elastomer reinforced with a spring steel wire helix • High conductivity reduces the danger of static buildup and allows electrostatic buildup to escape when properly grounded • Surface Resistance Level: 10³-10⁵ Ohms/Square • Neoprene coating offers excellent abrasion and chemical resistance • Handles both positive and negative pressure
Garage Exhaust  F	2", 2 1/2", 3", 4", 5"	10'	up to 275° (2") up to 325° (2 1/2") up to 375° (3"-5")	<ul style="list-style-type: none"> • Light weight rubber hose • Ideal for carbon monoxide exhaust applications • Resistant to heat, aging, gasoline, oil, and fumes • No wire or metal; even when flattened 100% the hose immediately returns to its original shape • Hose adapters and accessories available


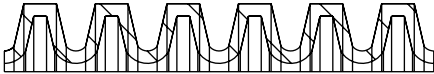

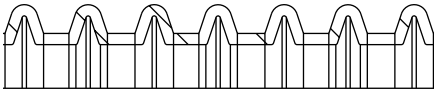

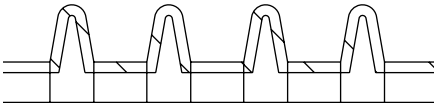
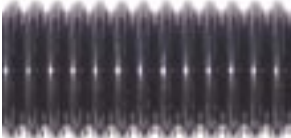
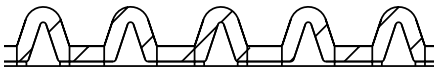
Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
BDS  A F	1" to 6"	12'	-65° to 500°	<ul style="list-style-type: none"> Single-ply silicone coated iron oxide red fiberglass fabric hose with an external filament fiberglass cord reinforced with a spring steel wire helix Suited for air handling applications at low pressures Designed for both high and low temperature extremes Non-kinking Resistant to many oils & solvents, ozone, water, fungus, and alkalis Not recommended for continuous flexing
CWGS  A F	2" to 12"	12' and 25'	-65° to 550°	<ul style="list-style-type: none"> Single-ply silicone coated iron oxide red fiberglass fabric hose reinforced with a spring steel wire helix Light weight and flexible Designed for both high and low temperature extremes Resistant to many oils & solvents, ozone, water, fungus, and alkalis Not recommended for continuous flexing
GS  A F	1" to 12"	12'	-65° to 550°	<ul style="list-style-type: none"> Double-ply silicone coated iron oxide red fiberglass fabric hose with an external filament fiberglass cord reinforced with a spring steel wire helix Designed for both high and low temperature extremes Suited for air handling applications at low positive and low negative pressures The narrow pitch allows for tight bending radius while maintaining a smooth air flow Extremely light weight and flexible Non-kinking Resistant to many oils & solvents, ozone, water, fungus, and alkalis Not recommended for continuous flexing
NS  A F	1" to 8"	12'	-65° to 550°	<ul style="list-style-type: none"> Double-ply fabric hose with a silicone coated iron oxide red fiberglass inner layer and a silicone coated black Nomex® outer layer with an external filament fiberglass cord reinforced with a spring steel wire helix Nomex® material increases flex life and abrasion resistance Designed for both high and low temperature extremes Suited for air handling applications at low positive and low negative pressures The narrow pitch allows for tight bending radius while maintaining a smooth air flow Extremely light weight and flexible Non-kinking Resistant to many oils & solvents, ozone, water, fungus, and alkalis Continuous flexing does not affect product negatively
GN  A F	1" to 6"	12'	-40° to 300°	<ul style="list-style-type: none"> Double-ply neoprene coated black fiberglass fabric hose with an external filament fiberglass cord reinforced with a spring steel wire helix Designed for moderately high and low temperatures Suited for air handling applications at low positive and low negative pressures The narrow pitch allows for tight bending radius while maintaining a smooth air flow Extremely light weight and flexible Non-kinking Not recommended for continuous flexing
Flex-Vest®  A M	1" to 6"	12' custom to 25'	Inner Layer: -65° to 550° (intermittent to 600°) Outer Layer: -40° to 250°	<ul style="list-style-type: none"> Inner Layer; Double-ply silicone coated iron oxide red fiberglass fabric hose with a spring steel wire helix Outer layer; Single-ply neoprene coated black fiberglass fabric hose reinforced with a spring steel wire helix Insulation; 1-inch fiberglass insulation (R-Value=3) Insulated dryer hose Combines flexibility with minimal heat loss Designed to maintain consistent high or low temperature extremes Suited for air handling applications at low positive and low negative pressures The narrow pitch allows for tight bending radius while maintaining a smooth air flow Extremely light weight and flexible Excellent external abrasion and chemical resistance













Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
Flex-Lok® HP  F	3" to 18" <small>consult technical sales for larger diameters</small>	25'	-40° to 275°	<ul style="list-style-type: none"> • Single-ply Hypalon® coated silver polyester fabric hose mechanically crimped in a continuous process • Fabric is locked around a coated steel wire by a metal strip formed into a clip • Outstanding resistance to external abrasion • Ideal for venting applications requiring the chemical resistant properties of Hypalon® • Extremely flexible and easily compressed • Offers weather and chemical resistance
Flex-Lok® TF  F	3" to 18" <small>consult technical sales for larger diameters</small>	25'	-65° to 500°	<ul style="list-style-type: none"> • Single-ply Teflon® coated silver fiberglass fabric hose mechanically crimped in a continuous process • Fabric is locked around a coated steel wire by a metal strip formed into a clip • Outstanding resistance to external abrasion • Extremely flexible and easily compressed • Outstanding chemical resistance • Ideal for venting many of today's harsh chemicals
Flex-Lok® SF  F	3" to 18" <small>consult technical sales for larger diameters</small>	25'	-65° to 550°	<ul style="list-style-type: none"> • Single-ply silicone coated silver fiberglass fabric hose mechanically crimped in a continuous process • Fabric is locked around a coated steel wire by a metal strip formed into a clip • Outstanding resistance to external abrasion • Extremely flexible and easily compressed • Ideal for vehicle exhaust applications with external abrasion
Flex-Lok® NPB  F	3" to 18" <small>consult technical sales for larger diameters</small>	25'	-65° to 250°	<ul style="list-style-type: none"> • Single-ply neoprene coated black polyester fabric hose mechanically crimped in a continuous process • Fabric is locked around a coated steel wire by a metal strip formed into a clip • Outstanding resistance to external abrasion • Extremely flexible and easily compressed • Ideal for vehicle exhaust applications with external abrasion • Economical alternative to other neoprene coated polyester products offering increased external abrasion resistance & compressibility
Flex-Lok® ET  F	3" to 12" <small>consult technical sales for larger diameters</small>	25'	-65° to 1050° (intermittent to 1250°)	<ul style="list-style-type: none"> • Single-ply aluminum coated silver fiberglass fabric hose mechanically crimped in a continuous process • Fabric is locked around a coated steel wire by a metal strip formed into a clip • Outstanding resistance to external abrasion • Extremely flexible and easily compressed • Designed for extreme temperature applications • Ideal for vehicle exhaust applications with external abrasion • Not recommended for continuous flexing
Raceflex®  A F	1 1/2", 2", 2 1/2", 3"	12'	-65° to 625°	<ul style="list-style-type: none"> • Light weight laminate of fiberglass and vacuum metallized polyester film • Heat reflective • 625°F operating temperature • Light weight and flexible • Smooth bend radius • 2.64-inch compression per foot of hose • Designed for brake ducting & ventilation of drive compartments in racecars

Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
Bendway® A  A F	2" to 12"	5' and 10'	-100° to 400°	<ul style="list-style-type: none"> • Single-ply, helically corrugated aluminum alloy hose with a four-ply finished seam that is folded flat and crimped for tightness and strength • Light weight and hand bendable • Hand bendable and self supporting to form elbows and turns easily during installation • Designed for extreme temperature applications • Resists metal fatigue, weathering, and most corrosive fumes & chemicals • Not recommended for continuous flexing 
Bendway® S  A F	2" to 12"	5' and 10'	-400° to 800°	<ul style="list-style-type: none"> • Single-ply, helically corrugated stainless steel alloy hose with a four-ply finished seam that is folded flat and crimped for tightness and strength • Light weight and hand bendable • Hand bendable and self supporting to form elbows and turns easily during installation • Designed for extreme temperature applications • Resists metal fatigue, weathering, and most corrosive fumes & chemicals • Not recommended for continuous flexing 
Bendway® Plus  A F D M	3" to 12"	25' (3" to 8") 15' (9" to 12")	up to 1650°	<ul style="list-style-type: none"> • Manufactured using 316Ti Stainless Steel in a patented roll lock construction • Crush resistant • Durable corrugations allow product to be dragged, bent, and reshaped numerous times without damage or breaking • Suitable for fume and air exhaust applications with extremely high temperatures up to 1650°F • 25' coils can ship via UPS in 3" to 4" diameters • Excellent flexibility • Titanium stabilized 316 stainless alloy for superior high temperature corrosion resistance • Suitable for chemical fume exhausting, high temperature, and corrosive applications where both positive and negative pressures are involved 

Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
GPE  A F	2", 2½", 3", 4"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Light weight black polyethylene hose reinforced with an integral polyethylene helix • Suited for low pressure air movement and fume extraction • Excellent for light vacuum applications • Light weight and extremely flexible • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Moderate abrasion resistance • Crush resistant
Mark II  M	1½", 2", 2½", 3", 3½", 4"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Medium weight clear polyethylene hose reinforced with a translucent integral polyethylene helix • Ideal for insulation blowing applications • Handles both positive and negative pressures • Easy to handle and extremely flexible in both hot and cold working conditions • Translucent walls offer easy monitoring of material flow • Resists clogging • Convoluted interior design creates efficient air flow that aerates insulation materials and increases machine efficiency with regard to coverage and density • Crush resistant • Manufactured with FDA acceptable materials
Uni-Loop  M	1", 1¼", 1½", 2"	50'	-40° to 140°	<ul style="list-style-type: none"> • Light weight gray polyethylene copolymer hose reinforced with an integral polyethylene helix • Handles low positive and low negative pressure • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Superior external abrasion resistance • Tight bending characteristics • Crush resistant • Ideal for use in light weight vacuum applications and as a drain hose • Suitable for conduit for wiring
Commercial  M	1¼", 1½", 2", 2½", 3", 4"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Gray or black polyethylene copolymer hose reinforced with an integral polyethylene helix • Two-part construction • For industrial and commercial vacuum applications • Crush resistant • Excellent flexing characteristics • Superior abrasion resistance • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • All sizes handle a full vacuum • Cuffs available
Flx Plus  M	1½", 2"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Gray polyethylene copolymer hose reinforced with an integral polyethylene helix • Light weight and flexible even at low temperatures • Tight bending characteristics • High abrasion resistance • Wet or dry vacuum in car wash, commercial, and industrial applications • Crush resistant • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Resistant to many chemicals • All sizes handle a full vacuum
FlexVac®  M	1¼", 1½", 2", 2½"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Orange polyethylene copolymer hose reinforced with an integral polyethylene helix • Light weight and flexible even at low temperatures • Economical • Tight bending characteristics • High abrasion resistance • Wet or dry vacuum in car wash, commercial, and industrial applications • Good crush and kink resistance • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Resistant to many chemicals • All sizes handle a full vacuum • Cuffs available
DPZ  M	1¼", 1½", 2"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Light weight gray polyethylene copolymer hose reinforced with an integral polyethylene helix • Wet and dry vacuum applications • Handles low positive and low negative pressure • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Superior external abrasion resistance • Tight bending characteristics • Crush resistant

Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
Conductive DPZ  M	1 1/4", 1 1/2", 2"	25' and 50'	-40° to 140°	<ul style="list-style-type: none"> • Light weight black polyethylene conductive copolymer hose with a white skimcoat reinforced with an integral polyethylene helix • Conductive • Surface Resistance Level: 10³-10⁵ Ohms/Square • Handles low positive and low negative pressure • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Superior external abrasion resistance • Tight bending characteristics • Crush resistant 
Super TM  M	1 1/2", 2"	25' and 50'	-40° to 160°	<ul style="list-style-type: none"> • Orange or blue polyethylene copolymer hose reinforced with an integral polyethylene helix • Two-part construction • Ideal for both truck-mounted and portable carpet cleaning units • Specifically formulated to withstand temperatures up to 160°F • Superior abrasion resistance • Crush resistant • Designed to resist corrosion caused by the combination of hot water and chemical concentration of detergents • All sizes handle a full vacuum • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Extremely durable and flexible • Made with factory-installed polyweld cuffs 
Tiger Tail®  M	2", 3", 4"	25' to 50'	-40° to 140°	<ul style="list-style-type: none"> • Rugged yellow polyethylene hose reinforced with an integral polyethylene helix • Intended for liquid suction applications and ideally suited for the removal of fluids and waste materials • All sizes handle a full vacuum • Extremely flexible even in sub-zero temperatures • Smooth interior for efficient flow characteristics, minimum pressure drop, low friction loss, and clogging prevention • Sleek exterior reduces drag for easy maneuverability • Superior abrasion resistance • Crush resistant • Resistant to kinking • Made with factory-installed polyweld cuffs 
Pliaduct  A F	2" to 12"	25' (2"-6") 10' (8"-12")	-10° to 150°	<ul style="list-style-type: none"> • 100% rigid self-supporting PVC material with a ribbon-lock construction • Diameter is adjustable by hand and can be reduced or expanded by approximately 25% of original I.D. • Chemical resistant • May be shaped and reshaped and spliced together without special tools • Excellent for either temporary or permanent installation • May be compounded to meet UL94HB 
Clutter Keeper  M	3/4", 1 1/8"	50'	-20° to 180°	<ul style="list-style-type: none"> • Light gray, black, blue, purple, or teal polyethylene blow molded slit conduit hose • Designed as a conduit for computer equipment wires and A/V equipment • 3/4" ID is recommended for computer equipment, while 1 1/8" is recommended for A/V Equipment • Ideal product for improving the appearance of wiring systems • Sold in case quantities only • Assorted cases available and include: 8 Light Gray and 4 each of Black, Blue, Purple, and Teal 
Swimming Pool Hose  M	1 1/2"	35' and 40'	-20° to 180°	<ul style="list-style-type: none"> • White polyethylene blow molded corrugated hose • UV resistant • Designed for swimming pool cleaning equipment and back flushing • Made with factory-installed molded cuffs on each end 

Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
Bilge Hose  	3/4", 1 1/2"	50'	-20° to 180°	<ul style="list-style-type: none"> • Black or white polyethylene blow molded corrugated hose • Designed for electric and manual bilge pumps and livewell aerators • Made with a molded cuff every 12 inches for easy installation and clamping
A M				
Conduit Tubing  	1/2" to 2"	100'	-20° to 180°	<ul style="list-style-type: none"> • Black polyethylene or nylon blow molded slit conduit hose • Designed as a conduit for multiple wire or cable routing • Ideal product for hose abrasion protection and improving the appearance of wiring systems
Econo Industrial Vacuum Hose  	1 1/4" to 2"	50'	-20° to 180°	<ul style="list-style-type: none"> • Black polyethylene blow molded corrugated hose • Crack resistant and self-supporting • Ideal for applications where quality and economy are both important • Available in a range of compounds offering different degrees of flexibility and abrasion resistance • Accommodates hand-held, full size canister, and upright vacuums, as well as commercial wet/dry vacuums • Also available in 7' and 21' kits including hose, claw, and swivel cuff
A M				
Sump Pump Hose  	1 1/4" to 1 1/2"	50'	-20° to 180°	<ul style="list-style-type: none"> • Black or white polyethylene blow molded corrugated hose • Designed for sump pump discharge • Made with molded cuffs for easy installation and clamping • Also available in 24' kits including hose, pipe adapter, and clamp
M				

Product	Sizes Inside Dia. (inches)	Std. Length (Feet)	Temp. Range (°F)	Description
FSP-V  	stock 4" to 24" custom to 48"	25'	-20° to 180°	<ul style="list-style-type: none"> Single-ply PVC vinyl coated yellow polyester fabric hose with a black external wearstrip reinforced with a spring steel wire helix Lightweight duct for blower applications • Highly compressible • Retractability allows for convenient storage and easy transport in a fraction of its fully extended length • Low friction loss • Wearstrip offers external abrasion resistance • Listed as UL 94V-0 flame retardant
SD-W  	stock 4" to 24" custom to 48"	25'	-65° to 250°	<ul style="list-style-type: none"> Single-ply neoprene coated yellow polyester fabric hose with an external wearstrip reinforced with a spring steel wire helix • Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems • Wearstrip offers external abrasion resistance • Highly compressible • Retractability allows for convenient storage and easy transport in a fraction of its fully extended length • Low friction loss • Listed as UL 94V-0 flame retardant • Available without external wearstrip (SD)
Arctic Duct III  	6" to 24"	25'	-20° to 180°	<ul style="list-style-type: none"> Two single-ply PVC vinyl coated yellow polyester fabric plies protecting an insulation barrier with a black external wearstrip reinforced with a spring steel wire helix • Ideal use for permanent and mobile air conditioning units • PVC material resists ozone, UV rays, and moisture • Highly compressible • Retractability allows for convenient storage and easy transport in a fraction of its fully extended length • Wearstrip offers external abrasion resistance • Other Arctic Duct construction available with different materials • Manufactured with flame retardant materials
Type U  	8" to 20"	Made to order	-40° to 250°	<ul style="list-style-type: none"> Two single-ply neoprene coated yellow polyester fabric plies protecting an insulation barrier with a black external wearstrip reinforced with a spring steel wire helix • Good for air handling applications • High tensile strength • Wearstrip offers external abrasion resistance • Low friction loss • Highly compressible • Retractability allows for convenient storage and easy transport in a fraction of its fully extended length • Shown here in olive drab, standard color is yellow • Manufactured with flame retardant materials
STO  	4" to 12"	Made to order	-65° to 250°	<ul style="list-style-type: none"> Single-ply neoprene coated yellow polyester fabric hose with a black external wearstrip reinforced with a spring steel wire helix • Self-retracting duct suited for portable air conditioning equipment • Wearstrip offers external abrasion resistance • Excellent tensile strength • Highly compressible • Retractability allows for convenient storage and easy transport in a fraction of its fully extended length • Low friction loss • Manufactured with flame retardant materials
Sto-Sack®  	6" to 24"	15' and 25'	-20° to 180°	<ul style="list-style-type: none"> Single-ply PVC vinyl coated yellow polyester fabric hose with a black external wearstrip reinforced with a spring steel wire helix with a self-storage bag • Easily compressible into self-storage bag for convenient handling and easy transportation • Wearstrip offers external abrasion resistance • Ideal for moving large volumes of air, smoke, or fumes using portable and temporary ventilation blowers under positive pressure • Manufactured with flame retardant materials

End Finishes

FLEXAUST®/SPRINGFLEX® Cuffs

Fabric Cuffs



For Flexaust® hose or Springflex® duct. Three plies of neoprene impregnated fabric.

Enlarged Cuffs



For Flexaust® hose or Springflex® duct. Cuff I.D. is larger than hose or duct I.D.

Reduced Cuffs



For Flexaust® hose or Springflex® duct. Cuff I.D. is smaller than hose or duct I.D.

Steel Flanges



Available in 2", 3", 4", 6", 8", 10", and 12" I.D. Eliminates need for back-up plates. Cut to specifications.

Felt Flanges



Neoprene impregnated. Available in sizes from 1½" through 24" I.D.

SPRINGFLEX® Cuffs

Sewn Cuff



Two plies of neoprene impregnated fabric.

Standard/Enclosed Belted Cuff



For quick attachment to portable blowers. Belt is cinched around shroud for secure hold.

Funnel Cuff



Sewn neoprene enclosed polyester fabric built for quick attachment capability.

Belt Loop & Pull Tabs



Sewn neoprene polyester loops and tabs for ease of installation and securing duct.

Flat Bands/Nylon Ring



Installed on outlet end to keep duct open. Rings and flat bands allow two lengths to be connected.

End Finishes

GENESIS® Cuffs



Screw Cuffs

Threads on end of Genesis® Commercial and FlexVac® vacuum hoses to provide easy attachment.

Sizes: 1 1/4", 1 1/2", 2", 2 1/2", 3", and 4".

Standard Color: gray

(Consult factory for other colors)

Poly Weld Cuffs

Permanently welded to the end of the hose to provide an air tight seal. Available on Genesis® Commercial, FlexVac®, Super TM, and Tiger Tail® vacuum hoses.

Sizes: 1 1/4", 1 1/2", 2", 2 1/2", 3", and 4".

Standard Color: white and black (Consult factory for other colors)

Connectors

Threads on end of Genesis® Commercial and FlexVac® vacuum hoses to provide easy connection.

Sizes: 1 1/4", 1 1/2", and 2".

Standard Color: gray

(Consult factory for other colors)

Accessories

Clamps & Connectors

Screw Clamps



Stainless steel band with carbon steel screw.
Sizes: 1 1/2" - 20".

Bridge Clamps



Bridge clamps have a welded stainless steel bridge to fit over the helix for a leak proof seal. Available in clockwise and counter clockwise. Sizes: 3" - 12".

Connectors



Available in stainless steel and aluminum with raised lip to prevent hose clamp from slipping off. Sizes: 1 1/2" - 24".

J-Lock



A convenient method to make a quick connection. Sizes: 4" - 20".

Sheet Metal

Reducers



Made to order from galvanized sheet metal, neoprene-coated.

Transitions



Made to order from galvanized sheet metal, neoprene-coated.

Y's



Made to order from galvanized sheet metal, neoprene-coated.

T's



Made to order from galvanized sheet metal, neoprene-coated.

Branches



Made to order from galvanized sheet metal, neoprene-coated.

Accessories

Garage Exhaust

Door Port



- Rugged aluminum door port is easy to install and has gravity door that automatically shuts when unit is not in use
- Fits 2" and 2.5" hose and doors up to 1" thick

Diesel Elbow Adapter



- Heavy aluminum elbow is for diesel stacks up to 5" diameter and uses a 4" hose
- Designed with air-draft space to reduce heat
- Chain-Loc arrangement holds adapter securely to stack

"Y" Adapter



- Heavy duty aluminum adapter can be used with 2" or 2.5" hose from two exhausts and 2.5" or 3" hose exhaust system outlet
- Each opening equipped with female coupler

Universal Adapter



- Rubber adapter will fit most domestic and foreign automobiles
- Easily adjusts with special fastener to tailpipes
- Designed with Press-Loc coupling and fits over 2.5" and 3" hose

Diesel Stack



- Will fit most diesel stacks
- Designed for use with 5" hose
- A cross bolt prohibits the adapter from wedging on or sliding down the stack

Dual Tailpipe Adapter



- Designed for use on cars and small trucks equipped with side-by-side dual exhaust pipes
- Design allows for the flexibility of using a 3" hose internally in the adapter or a 4" hose externally over the adapter

Additional Coatings

Neoprene

Most frequently used coating to resist weathering and abrasion.

Buna N

Superior to neoprene in applications involving specific chemicals, solvents, and oils.

Engineering Data

All data based on average approximation.

Pressure Equivalents

1 psi = 27.7 inches w.g.

1 psi = 2.04 inches of mercury (Hg)

1 inch of mercury (Hg) = 13.6 inches w.g.

1 inch of mercury (Hg) = 0.491 psi

Inches Water	Inches Mercury	Lbs. Per Square In.
100	7.35	3.61
90	6.62	3.25
80	5.88	2.89
70	5.15	2.53
60	4.41	2.17
50	3.68	1.81
40	2.94	1.44
30	2.21	1.08
20	1.47	0.72
10	0.74	0.36
0	0.00	0.00

Inches Mercury	Inches Water	Lbs. Per Square In.
29	394.4	14.2
26	353.6	12.7
24	326.4	11.8
22	299.2	10.8
20	272.0	9.8
18	244.8	8.8
16	217.6	7.8
14	190.4	6.9
12	163.2	5.9
10	136.0	4.9
8	108.8	3.9
6	81.6	2.9
4	54.4	2.0
2	27.2	1.0
1	13.6	0.5
0.5	6.8	0.25

Temperature Conversion

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$

$$^{\circ}\text{C} = 0.555 (^{\circ}\text{F} - 32)$$

Inch/Metric Size Conversion Table

Inches	cm	mm
1.00	2.5	25.4
1.25	3.2	31.8
1.50	3.8	38.1
2.00	5.1	50.8
2.36	6.0	60.0
2.50	6.4	63.5
2.95	7.5	75.0
3.00	7.6	76.2
3.94	10.0	100.0
4.00	10.2	101.6
4.72	12.0	120.0
5.00	12.7	127.0
6.00	15.2	152.4
6.30	16.0	160.0
7.00	17.8	177.8
7.09	18.0	180.0
8.00	20.3	203.2
10.00	25.4	254.0
12.00	30.5	304.8
14.00	35.6	355.6
16.00	40.6	406.4
18.00	45.7	457.2

Temperature Conversion Table

$^{\circ}\text{F}$	$^{\circ}\text{C}$
-65	-53.9
-40	-40.0
-20	-28.9
0	-17.8
20	-6.7
32	0.0
40	4.4
60	15.6
80	26.7
100	37.8
125	51.7
150	65.6
175	79.4
200	93.3
212	100.0
225	107.2
250	121.1
300	148.9
325	162.8
350	176.7
400	204.4
450	232.2
500	260.0
550	287.8



QUALITY CONTROL

Quality is a vital concern of The Flexaust Company Inc. Continual physical testing of raw materials and inspections of finished products assure that Flexaust products will continue to merit their reputation for dependability.

FLEXIBILITY

Lightweight flexibility makes Flexaust ducting easy to install and use. It bends easily around obstructions, eliminating the need for expensive engineering.

SIMPLICITY

Flexaust products are easy to cut, couple, and connect, using only basic tools. Light and portable, they can be stored and used repeatedly.

PRODUCT SELECTION

We offer the largest selection of products in the ducting, floor care, and cable management industries; including wire reinforced coated fabric hose, wire reinforced plastic hose in regular as well as stretch construction, hand-bendable metal ducting, all plastic wet or dry vacuum hose, and blow molded corrugated tubing products. A variety of end finish connections are also available.

PRODUCT DEVELOPMENT

Flexaust offers more designs for specific applications than anyone else in the industry and we can help you select exactly the right product for your requirements. Close contact with the industry keeps us informed about trends in new and existing markets and enables us to consistently develop new products. Our in-house engineering team as well as our central research & development group's sole focus is to develop new processes, material, and methods of production for Flexaust and the entire group exemplifying our commitment to product development

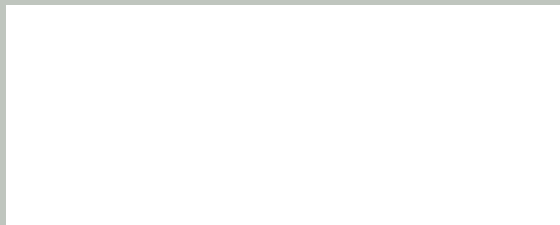
CUSTOMER SERVICE

Customers come first with Flexaust. Customers receive prompt assistance and superb technical support from Flexaust. With a factory trained, sales force geographically based throughout the U.S. and Canada, we are keyed on responsive, intelligent assistance for every one of our thousands of customers.

PRODUCT AVAILABILITY

Because we inventory all popular sizes and styles of Flexaust products, shipments in as little as 24 hours are available to help you through an emergency. Flexaust stocking distributors are key members of the Flexaust team. By providing them with quality products, factory support, and field assistance, we help them serve you. Flexaust products are stocked at our four locations; Warsaw IN, Atlanta GA, Houston TX, and Rancho Cucamonga CA, as well as by distributors in cities nationwide so that needed products are nearby.

DISTRIBUTED BY:



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