



# ***FLEXAUST***®

**Flexible Hose • Ducting • Accessories**

*Dependable. Anywhere.*

# QUALITY HOSES

FOR OVER 70 YEARS

Flexaust has manufactured durable, long lasting, flexible hose and ducting solutions for industrial and commercial applications for over 70 years. Our hose products are used in applications involving air, dust, fume and lightweight materials. We offer the largest selection of products 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 uses an array of materials including thermoplastic rubber, polyurethane, PVC, neoprene, polyester and vinyl fabric and polyethylene to manufacture a broad range of products.

Innovation, creativity and a “can do” spirit are at the heart of Flexaust. Our first commitment will always be to produce the highest quality products and to exceed your 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 applications was sparked by the heavy construction activities of World War II. After the war, Flexaust continued to grow by supporting industry with hose and ducting 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 network provides Flexaust with more resources and manufacturing capabilities to provide the best hose and ducting products.

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# Product 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.



## Air

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



## Fume

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



## Dust

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



## Light Weight Materials Handling

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

**S**

### SIZE:

Specify the I.D. of the Flexaust hose or duct required.

**T**

### TEMPERATURE:

Specify media temperature (°F).

**A**

### APPLICATION:

Specify if Air, Fume, Dust and/or Light Weight Materials will be flowing through the hose or duct. See listings above.

**M**

### MEDIA:

Specify what media is going through the hose or duct.

**P**

### PRESSURE:

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

Solve your hose, ducting and accessory problems in just **24** hours!

Flexaust has “brought it back” and added more products to their 24-hour ship program to guarantee availability on the most popular hoses and diameters. This program includes over sixteen products in a wide range of sizes.

Flexaust's guarantee is to ship your order (250 ft. maximum order) by the end of the next business day or we pay the freight.

Look for the 24-hour ship icon throughout the catalog. Where you see the



we can ship it in 24 hours! Please review the chart to the right for specific diameters:

### Flexadux® TR

T-7, T-7W, T-7SR	2", 2½", 3", 4", 5", 6", 8", 10", 12"	25'
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### Flexadux® PV

R-2 Blue or Clear	1½", 2", 2 ½", 3", 4", 5", 6", 8", 10", 12"	25'
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R-3 Blue or Clear	2", 3", 4", 5", 6"	25'
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### Flexadux® PU

Flx-Thane® LD Clear	4", 6", 8"	25'
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Flx-Thane® MD Black or Clear	2", 2 ½", 3", 4", 5", 6", 7", 8", 10", 12"	25'
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### Flexaust®

CWGP	2", 2½", 3", 3 ½", 4", 5", 6", 7", 8", 10", 12"	25'
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FSP-2	3", 4", 6"	25'
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### Heat-Flex®

CW-325	3", 4", 6"	25'
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GS	1¼", 1½", 1¾", 2", 2 ½", 3", 4"	12'
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### Flex-Lok®

Flex-Lok® SF	3", 4", 6", 8"	25'
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### Springflex®

FSP-5, SD-W	8", 12"	25'
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### Genesis®

Commercial Gray or Black	1¼", 1½", 2", 3", 4"	50'
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## T-7



Size Range (In) . . . . . stock 2" to 24"  
 Standard Length (Ft) . . . . . 25', 50'  
 Standard Colors . . . . . black  
 Temperature Range (°F) . . . . . -60° to 275°



- Medium weight thermoplastic rubber hose reinforced with a spring steel wire helix
- Good abrasion resistance
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Wall Thickness = .030"
- Available in metric sizes, consult sales team on pricing & minimums
- Available with factory-installed 2" soft cuffs



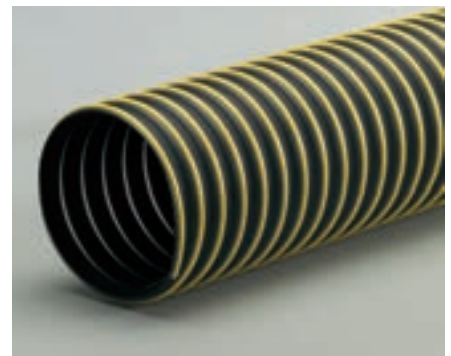
## T-7W



Size Range (In) . . . . . stock 2" to 24"  
 Standard Length (Ft) . . . . . 25', 50'  
 Standard Colors . . . . . black with yellow wearstrip  
 Temperature Range (°F) . . . . . -60° to 275°



- Medium weight thermoplastic rubber hose reinforced with a spring steel wire helix & external polypropylene wearstrip
- Most general all-purpose hose
- Wearstrip offers additional external abrasion & drag resistance
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Wall Thickness = .030"
- Available in metric sizes, consult sales team on pricing & minimums



## T-7SR



Size Range (In) . . . . . stock 2" to 12"  
    custom to 18"  
 Standard Length (Ft) . . . . . 25', 50'  
 Standard Colors . . . . . black (blue available)  
 Temperature Range (°F) . . . . . -50° to 285°  
    intermittent to 325°



- Thermoplastic rubber coated super reinforced non-woven polyester fabric hose with a spring steel wire helix
- Combines the ozone, UV, weathering & chemical resistance of thermoplastic rubber with the tensile strength & fatigue resistance of fabric hoses
- Offers better tear strength, puncture & abrasion resistance than traditional reinforced woven neoprene & thermoplastic hoses
- Handles higher positive pressures than non-reinforced thermoplastic rubber hoses
- Wall Thickness = .024"
- Available with factory-installed 2" soft cuffs



## T-7 White



Inside Diameter (In) . . . . . stock 2" to 12"  
    custom to 24"  
 Standard Length (Ft) . . . . . 25', 50'  
 Standard Colors . . . . . white  
 Temperature Range (°F) . . . . . -40° to 250°



- Medium weight thermoplastic rubber hose reinforced with a spring steel wire helix
- Good abrasion resistance
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Manufactured with FDA acceptable materials



## XLT



Size Range (In) ..... stock 2" to 6"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... black  
Temperature Range (°F) ..... -60° to 275°



- Very light weight thermoplastic rubber hose reinforced with a spring steel wire helix
- Excellent compressibility & flexibility
- Most compressible thermoplastic rubber hose in product line
- Designed for applications with wide temperature ranges
- Easy to install in tight spaces
- Recommended for light duty, low pressure applications
- Great moisture & UV resistance
- Excellent chemical resistance
- Wall Thickness = .012"



## LT



Size Range (In) ..... stock 1½" to 16"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... black  
Temperature Range (°F) ..... -60° to 275°



- Light weight thermoplastic rubber hose reinforced with a spring steel wire helix
- Excellent compressibility & flexibility
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Wall Thickness = .020"
- Available with factory-installed 2" soft cuffs



## HT



Size Range (In) ..... stock 1½" to 16"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... black  
Temperature Range (°F) ..... -60° to 275°



- Heavy weight thermoplastic rubber hose reinforced with a spring steel wire helix
- Suitable for more demanding positive & negative pressure applications
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Wall Thickness = .045"
- Available with factory-installed 2" soft cuffs



## HT-W



Size Range (In) ..... stock 8" to 12"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... black with yellow wearstrip  
Temperature Range (°F) ..... -60° to 275°



- Heavy weight thermoplastic rubber hose reinforced with a spring steel wire helix & external polypropylene wearstrip
- Wearstrip offers additional external abrasion & drag resistance
- Suitable for more demanding positive & negative pressure applications including lawn & leaf collection
- Designed for applications with wide temperature ranges
- Great moisture & UV resistance
- Excellent chemical resistance
- Smooth interior assures minimal friction loss & efficient air flow
- Wall Thickness = .045"



## Flx-Thane® LD



Size Range (In) ..... stock 2" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... clear, black  
Temperature Range (°F) ..... -65° to 225°



- Light weight polyurethane hose reinforced with a bronze coated spring steel wire helix
- Great compressibility
- Great abrasion resistance
- Superior chemical resistance
- Excellent flexibility
- Designed for applications with wide temperature ranges
- Clear is manufactured with FDA acceptable materials
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .020"
- Available with factory-installed 2" soft cuffs



## Flx-Thane® MD



Size Range (In) ..... stock 2" to 24"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... black, clear  
Temperature Range (°F) ..... -65° to 225°



- Medium weight polyurethane hose reinforced with a bronze coated spring steel wire helix
- Good compressibility
- Great abrasion resistance & high tear strength
- Superior chemical resistance
- Excellent flexibility
- Designed for applications with wide temperature ranges
- Very good low temperature flexibility
- Clear is manufactured with FDA acceptable materials
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .030"
- Available with factory-installed 2" soft cuffs



## Flx-Thane® HD



Size Range (In) ..... stock 2" to 24"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... clear, black  
(translucent blue available)  
Temperature Range (°F) ..... -65° to 225°



- Heavy weight polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)
- Great abrasion resistance & high tear strength
- Superior chemical resistance
- Excellent flexibility
- Designed for applications with wide temperature ranges
- Ideal for severe service applications
- Very good low temperature flexibility
- Clear is manufactured with FDA acceptable materials
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .045"
- Available with factory-installed 2" soft cuffs



## Flx-Thane® VHD



Size Range (In) ..... stock 4" to 18"  
custom to 24"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... clear, black  
(translucent blue available)  
Temperature Range (°F) ..... -65° to 225°



- Very heavy weight polyurethane hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)
- Great abrasion resistance & high tear strength
- Superior chemical resistance
- Excellent flexibility
- Designed for applications with wide temperature ranges
- Ideal for severe service applications
- Very good low temperature flexibility
- Clear is manufactured with FDA acceptable materials
- Available in metric sizes, consult sales team on pricing & minimums
- Wall Thickness = .060"
- Available with factory-installed 2" soft cuffs







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## R-2



Size Range (In) .....stock 1¼" to 18"  
custom to 24"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors..... blue, clear  
Temperature Range (°F)..... 20° to 160°



- Light weight PVC hose reinforced with a spring steel wire helix
- Great flexibility with tight bending characteristics
- Good chemical & moisture resistance
- Good compressibility
- Excellent choice for ventilation applications, dust & fume removal
- Blue is listed as UL 94V-0 flame retardant
- Clear is manufactured with FDA acceptable materials
- Wall Thickness = .020"
- Available in metric sizes, consult sales team on pricing & minimums



## R-3



Size Range (In) .....stock 1¼" to 16"  
custom to 24"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors..... blue, clear  
Temperature Range (°F)..... 20° to 160°



- Heavy weight PVC hose reinforced with a coated spring steel wire helix (sizes 14" I.D. & above not available with a coated wire)
- Excellent internal & external abrasion resistance
- Good chemical & moisture resistance
- Excellent choice for ventilation applications, dust & fume removal
- Blue is listed as UL 94V-0 flame retardant
- Clear is manufactured with FDA acceptable materials
- Wall Thickness = .045"
- Available in metric sizes, consult sales team on pricing & minimums



## R-4



Size Range (In) .....stock 2" to 12"  
Standard Length (Ft) ..... 10', 25', 50'  
Standard Colors..... clear  
Temperature Range (°F)..... 20° to 160°



- Medium weight PVC hose reinforced with a spring steel wire helix
- Good for positive pressure applications
- Great compressibility
- Construction allows for value packaging by reducing the box size, reducing warehouse space & shipping costs
- Ideal for dust and woodworking applications
- Good chemical & moisture resistance
- Manufactured with FDA acceptable materials
- Wall Thickness = .028"



## ADC



Size Range (In) .....stock 6" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors..... clear  
Temperature Range (°F)..... 20° to 160°



- Very light weight PVC hose reinforced with a spring steel wire helix
- Good for positive pressure applications
- Great compressibility
- Excellent flexibility with tight bending characteristics
- Good chemical & moisture resistance
- Manufactured with FDA acceptable materials
- Wall Thickness = .015"





## Flex-Tube™ PV



Size Range (In) . . . . . stock 4" to 10"  
Standard Length (Ft) . . . . . 12', 25'  
Standard Colors . . . . . clear with black helix  
Temperature Range (°F) . . . . . 20° to 160°

- Medium weight coextruded PVC hose with a rigid external PVC helix
- Economical
- Ultra smooth interior wall assures efficient airflow
- Very flexible & crush resistant
- Spiral co-extruded engineered construction
- Helix acts as a wearstrip
- Wall Thickness = .033" (4" to 5"), .035" (6" to 8"), .040" (9" to 10")
- OEM lengths & colors available



## Flex-Tube™ PU



Size Range (In) . . . . . stock 4" to 10"  
Standard Length (Ft) . . . . . 12', 25'  
Standard Colors . . . . . clear with yellow helix  
Temperature Range (°F) . . . . . -40° to 200°

- Medium weight coextruded thermoplastic ether based polyurethane hose with a rigid external ABS helix
- Ultra smooth interior assures efficient airflow
- Great abrasion resistance
- Excellent wear performance
- Puncture & tear resistant with high tensile strength
- Good low temperature flexibility
- Crush resistant
- Spiral co-extruded engineered construction
- Helix acts as a wearstrip
- Excellent hydrolysis & microbial resistance
- Wall Thickness = .033" (4" to 5"), .035" (6" to 8"), .040" (9" to 10")
- OEM lengths & colors available



## Flex-Tube™ TR



Size Range (In) . . . . . stock 4" to 10"  
Standard Length (Ft) . . . 25', 50' (10" in 25' only)  
Standard Colors . . . . . black with black helix  
Temperature Range (°F) . . . . . -60° to 275°  
intermittent to 300°

- Medium weight coextruded thermoplastic rubber hose with a rigid external polypropylene helix
- Ultra smooth interior wall assures efficient airflow
- Very flexible & crush resistant
- Tight bend radius
- Moisture & chemical resistant
- Designed for applications with wide temperature ranges
- Spiral co-extruded engineered construction
- Helix acts as a wearstrip
- Wall Thickness = .033" (4" to 5"), .035" (6" to 8"), .040" (10")
- OEM lengths & colors available



## Flex-Tube™ Accessories

Also available for our Flexadux®, Flexaust®, Heat-Flex®, Flex-Lok® (excluding Screw Clamps) & Springflex® hoses.



Screw Clamps



Bridge Clamps



J-Locks



Connectors



Pin-Locks



Latch-Locks

## CWGP



Size Range (In) ..... stock 1" to 24"  
custom to 60"

Standard Length (Ft) ..... 25'

Standard Colors ..... black

Temperature Range (°F) ..... -40° to 250°



- Double-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix
- Good crush resistance & tensile strength
- Neoprene coating offers excellent abrasion & chemical resistance
- Good flexibility
- More durable than double-ply cotton hoses
- Listed as UL 94V-0 flame retardant
- Additional coatings available for better abrasion &/or chemical resistance
- Available in a static conductive version (Conduct-O-Flex)
- Available in metric sizes, consult sales team on pricing & minimums



## CWC-W



Size Range (In) ..... stock 3" to 24"  
custom to 60"

Standard Length (Ft) ..... 25'

Standard Colors ..... black with yellow wearstrip

Temperature Range (°F) ..... -40° to 250°



- Double-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix & external PVC coated polyester wearstrip
- Wearstrip offers additional external abrasion & drag resistance
- Good crush resistance & tensile strength
- Neoprene coating offers excellent abrasion & chemical resistance
- Listed as UL 94V-0 flame retardant
- Additional coatings available for better abrasion &/or chemical resistance



## CWS



Size Range (In) ..... stock 1½" to 16"  
custom to 20"

Standard Length (Ft) ..... 25'

Standard Colors ..... black

Temperature Range (°F) ..... -65° to 250°



- Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix
- Recommended for light duty, low pressure applications
- Extremely flexible
- Neoprene coating offers excellent abrasion & chemical resistance
- Designed for applications with wide temperature ranges
- Listed as UL 94V-0 flame retardant
- Additional coatings available for better abrasion &/or chemical resistance



## CWY



Size Range (In) ..... stock 4" to 24"  
custom to 60"

Standard Length (Ft) ..... 25'

Standard Colors ..... black

Temperature Range (°F) ..... -40° to 250°



- Double-ply neoprene coated nylon fabric hose reinforced with a spring steel wire helix
- Neoprene & nylon construction offers excellent abrasion resistance & superior flex life
- Handles both positive & negative pressure
- Excellent tensile strength
- Available with an external PVC coated polyester wearstrip (CWY-W)
- Additional coatings available for better abrasion &/or chemical resistance



## White



Size Range (In) . . . . . stock 1½" to 24"  
Standard Length (Ft) . . . . . 25'  
Standard Colors . . . . . white  
Temperature Range (°F) . . . . . -20° to 325°

- Double-ply acrylic coated polyester fabric hose reinforced with a spring steel wire helix
- Efficient flow characteristics
- Designed for applications with wide temperature ranges
- Good abrasion resistance
- Ideal for clean room applications
- Manufactured with FDA acceptable materials



## FSP-1



Size Range (In) . . . . . stock 3" to 12"  
Standard Length (Ft) . . . . . 25'  
Standard Colors . . . . . black with orange wearstrip  
Temperature Range (°F) . . . . . -20° to 180°

- Single-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip
- Wearstrip offers additional external abrasion & drag resistance
- Low friction loss
- Great chemical & moisture resistance
- Listed as UL 94V-0 flame retardant
- Other wearstrip colors available
- Available without a wearstrip for a more economical option
- Additional coatings available for better abrasion &/or chemical resistance
- Available in metric sizes, consult sales team on pricing & minimums



## FSP-2



Size Range (In) . . . . . stock 3" to 12"  
Standard Length (Ft) . . . . . 25'  
Standard Colors . . . . . black with orange wearstrip  
Temperature Range (°F) . . . . . -20° to 180°

- Double-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip
- Wearstrip offers additional external abrasion & drag resistance
- Great moisture, mildew & chemical resistance
- Low friction loss
- Listed as UL 94V-0 flame retardant
- Other wearstrip colors available
- Available in a heavy duty bridge construction (FSP Bridge)
- Additional coatings available for better abrasion &/or chemical resistance



## Flexaust® End Finishes

Also available for our Heat-Flex® (excluding Reduced Cuff & Felt Flange) & Springflex® hoses.



Enlarged Cuff



Steel Flange



Fabric Cuff



Reduced Cuff



Felt Flange



## FSP-5

Size Range (In) . . . . . stock 4" to 24"  
custom to 48"

Standard Length (Ft) . . . . . 25'

Standard Colors . . . . . yellow with black wearstrip

Temperature Range (°F) . . . . . -20° to 180°



- Single-ply PVC vinyl coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip
- Lightweight duct for blower applications
- Great compressibility with an 11:1 compressibility ratio
- Retractability allows for convenient storage & easy transport in a fraction of its fully extended length
- Wearstrip offers additional external abrasion & drag resistance
- Listed as UL 94V-0 flame retardant
- Manufactured with materials that meet NFPA 701 standards
- Shown with optional cuff



## SD-W

Size Range (In) . . . . . stock 4" to 24"  
custom to 60"

Standard Length (Ft) . . . . . 25'

Standard Colors . . . . . yellow with black wearstrip

Temperature Range (°F) . . . . . -65° to 250°



- Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip
- Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems
- Wearstrip offers additional external abrasion & drag resistance
- Great compressibility
- Retractability allows for convenient storage & easy transport in a fraction of its fully extended length
- Listed as UL 94V-0 flame retardant
- Available in a self-retracting version (STO), 4" to 8" only
- Shown with optional cuff



## SD

Size Range (In) . . . . . stock 4" to 24"  
custom to 60"

Standard Length (Ft) . . . . . 25'

Standard Colors . . . . . yellow

Temperature Range (°F) . . . . . -65° to 250°



- Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix
- Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems
- Great compressibility
- Retractability allows for convenient storage & easy transport in a fraction of its fully extended length
- Listed as UL 94V-0 flame retardant
- Shown with optional cuff



## Springflex® End Finishes

Flexaust offers a variety of end finishes including several types of fabric cuffs for the Springflex® product line. Assembling hoses with various types of required end finishes is another way in which Flexaust services its customers and reduces costs.



Sewn Cuff



Standard/Enclosed Belted Cuff

## AWP-W

Size Range (In) ..... stock 8" to 24"  
custom to 48"

Standard Length (Ft) ..... 25'

Standard Colors ..... yellow with black wearstrip

Temperature Range (°F) ..... -20° to 325°



- Single-ply acrylic coated polyester fabric hose reinforced with a spring steel wire helix & external PVC wearstrip
- Ideal for moving large volumes of air in portable or permanent ventilation/exhaust systems
- Wearstrip offers additional external abrasion & drag resistance
- Great compressibility
- Retractability allows for convenient storage & easy transport in a fraction of its fully extended length
- Listed as UL 94V-0 flame retardant
- Shown with optional cuff



## Arctic Duct 3

Size Range (In) ..... stock 4" to 24"

Standard Length (Ft) ..... 25'

Standard Colors ..... yellow with black wearstrip

Temperature Range (°F) ..... -20° to 180°



- Two single-ply PVC vinyl coated polyester fabric plies protecting an insulation barrier reinforced with a spring steel wire helix & external PVC wearstrip
- Ideal use for both permanent & mobile air conditioning applications
- PVC material resists ozone, UV rays & moisture
- Compressibility allows for convenient storage
- Wearstrip offers additional external abrasion & drag resistance
- Other Arctic Duct constructions available
- Manufactured with flame retardant materials
- Made with sewn cuff on each end



## Arctic Duct U

Size Range (In) ..... stock 4" to 20"  
custom to 48"

Standard Length (Ft) ..... made to order

Standard Colors ..... yellow with black wearstrip

Temperature Range (°F) ..... -40° to 250°



- Two single-ply neoprene coated polyester fabric plies protecting an insulation barrier reinforced with a spring steel wire helix & external PVC coated polyester wearstrip
- Good for air handling applications
- High tensile strength
- Wearstrip offers additional external abrasion & drag resistance
- Compressibility allows for convenient storage
- Designed for applications with wide temperature ranges
- Manufactured with flame retardant materials
- Made with sewn cuff on each end



## Springflex® End Finishes *continued...*



Funnel Cuff



Belt Loop & Pull Tabs



Wire Rope/Nylon Ring



Sto-Sack®

## GS



Size Range (In) . . . . . stock 1" to 12"  
Standard Length (Ft) . . . . . 12'  
Standard Colors . . . . . iron oxide red  
Temperature Range (°F) . . . . . -65° to 550°  
intermittent to 600°



- Double-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix & external filament fiberglass cord
- Suited for high temperature air handling applications
- The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- Ideal for plastic processing applications
- Non-kinking
- Resistant to many oils & solvents, ozone, water, fungus & alkalis
- Not recommended for continuous flexing



## CWGS



Size Range (In) . . . . . stock 2" to 12"  
Standard Length (Ft) . . . . . 25'  
Standard Colors . . . . . iron oxide red  
Temperature Range (°F) . . . . . -65° to 550°



- Single-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix
- Light weight & flexible
- Available in longer lengths than traditional mandrel-built hose
- Resistant to many oils & solvents, ozone, water, fungus & alkalis
- Not recommended for continuous flexing



## BDS



Size Range (In) . . . . . stock 1" to 12"  
Standard Length (Ft) . . . . . 12'  
Standard Colors . . . . . iron oxide red  
Temperature Range (°F) . . . . . -65° to 500°



- Single-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix & external filament fiberglass cord
- Suited for high temperature air handling applications
- The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- Non-kinking
- Resistant to many oils & solvents, ozone, water, fungus & alkalis
- Not recommended for continuous flexing



## CW-325



Size Range (In) . . . . . stock 2" to 12"  
custom to 16"  
Standard Length (Ft) . . . . . 25'  
Standard Colors . . . . . black  
Temperature Range (°F) . . . . . -20° to 325°



- Single-ply acrylic coated polyester fabric hose reinforced with a spring steel wire helix
- Ideal for air & fume handling applications
- Excellent choice for overhead vehicle exhaust systems
- Light weight & flexible
- Listed as UL 94V-0 flame retardant
- Available with an external PVC wearstrip (CW-325-W)





## NS



Size Range (In) . . . . . stock 1" to 12"  
Standard Length (Ft) . . . . . 12'  
Standard Colors . . . . . iron oxide red inner layer  
black outer layer  
Temperature Range (°F) . . . . . -65° to 550°



- Double-ply fabric hose with a silicone coated fiberglass inner layer & a silicone coated Nomex® outer layer reinforced with a spring steel wire helix & external filament fiberglass cord
- Nomex® material increases flex life & abrasion resistance
- Suited for high temperature air handling applications
- The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- Ideal for applications where constant flexing is involved
- Non-kinking
- Resistant to many oils & solvents, ozone, water, fungus & alkalis



## GN



Size Range (In) . . . . . stock 1" to 12"  
Standard Length (Ft) . . . . . 12'  
Standard Colors . . . . . black  
Temperature Range (°F) . . . . . -40° to 300°



- Double-ply neoprene coated fiberglass fabric hose reinforced with a spring steel wire helix & external filament fiberglass cord
- Offers higher temperature characteristics than traditional neoprene hoses
- The narrow pitch allows for tight bending radius while maintaining a smooth air flow
- Non-kinking
- Not recommended for continuous flexing



## Flex-Vest®



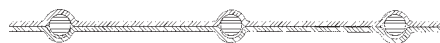
Size Range (In) . . . . . stock 1" to 6"  
custom to 8"  
Standard Length (Ft) . . . . . 12'  
custom to 25'  
Standard Colors . . . . . iron oxide red inner layer  
black outer layer  
Temperature Range (°F) . . -65° to 550° inner layer  
intermittent to 600°  
-40° to 250° outer layer



- Inner Layer; Double-ply silicone coated fiberglass fabric hose reinforced with a spring steel wire helix
- Outer layer; Single-ply neoprene coated polyester fabric hose reinforced with a spring steel wire helix
- Insulation; 1-inch fiberglass insulation (R Value=4)
- Insulated dryer hose
- Combines flexibility with minimal heat loss
- Suited for air handling applications at low positive & low negative pressures
- Good flexibility
- Excellent chemical resistance



## Raceflex®



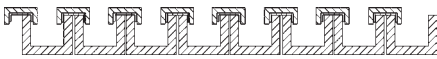
Inside Diameter (In) . . . . . stock 1½" to 3"  
custom to 8"  
Standard Length (Ft) . . . . . 12'  
Standard Colors . . . . . silver  
Temperature Range (°F) . . . . . -65° to 625°



- Light weight laminate of fiberglass & vacuum metallized polyester film
- Heat reflective to 625°F
- Light weight & flexible
- Smooth bend radius
- 2.64-inch compression per foot of hose
- Designed for brake ducting & ventilation of drive compartments in racecars



## STM



Size Range (In) . . . . . stock 1½", 2"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . orange, blue  
Temperature Range (°F) . . . . . -40° to 160°



- Polyethylene copolymer hose reinforced with an integral polyethylene helix
- Double profile I-Helix construction for easy movement on surfaces
- Ideal for both truck-mounted & portable carpet cleaning units
- Very flexible
- Superior abrasion resistance
- Crush resistant
- Designed to resist corrosion caused by the combination of hot water & chemical concentration of detergents
- All sizes handle a full vacuum
- Smooth interior assures efficient air flow
- Made with factory-installed polyweld cuffs



## Mark 2



Size Range (In) . . . stock 1½", 2", 2½", 3", 3½", 4"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . clear  
Temperature Range (°F) . . . . . -40° to 140°



- Medium weight polyethylene hose reinforced with a translucent integral polyethylene helix
- Ideal for insulation blowing applications
- Easy to handle
- Translucent walls offer easy monitoring of material flow and blockage
- Convoluted interior design creates efficient air flow that aerates insulation materials & increases machine efficiency with regard to coverage & density
- Crush resistant
- Manufactured with FDA acceptable materials
- Available with different color helixes to match OEM equipment



## Commercial



Size Range (In) . . . stock 1¼", 1½", 2", 2½", 3", 4"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . gray, black  
Temperature Range (°F) . . . . . -40° to 140°



- Polyethylene copolymer hose reinforced with an integral polyethylene helix
- Double profile I-Helix construction for easy movement on surfaces
- For industrial & commercial vacuum applications
- Crush resistant
- Excellent flexing characteristics
- Superior abrasion resistance
- Smooth interior assures efficient air flow
- All sizes handle a full vacuum
- Cuffs available



## Flx Plus



Size Range (In) . . stock 1", 1 ¼", 1 ½", 2", 2 ½", 3", 3 ½", 4"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . gray  
Temperature Range (°F) . . . . . -40° to 140°



- Polyethylene copolymer hose reinforced with an integral polyethylene helix
- Light weight & flexible even at low temperatures
- Tight bending characteristics
- High abrasion resistance
- Wet or dry vacuum in car wash, commercial & industrial applications
- Crush resistant
- Smooth interior assures efficient air flow
- Very good chemical resistance
- All sizes handle a full vacuum



## Tiger Tail®



Size Range (In) ..... stock 1½", 2", 3", 4"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... yellow & black  
Temperature Range (°F) ..... -40° to 140°



- Rugged polyethylene copolymer hose reinforced with an integral polyethylene helix
- Improved double helix design allows for superior flexibility & durability even in sub-zero temperatures
- Ideal for waste evacuation, septic pumping & sewer cleaning
- Superior abrasion & crush resistance
- All sizes handle a full vacuum
- Smooth interior assures efficient air flow
- Resistant to kinking
- Made with factory-installed leak proof polyweld cuffs
- Threaded replacement screw cuffs and specially formulated replacement hose glue available
- Sewer Guide Hose also available in 3' lengths



## Uni-Loop



Size Range (In) ..... stock 1", 1¼", 1½", 2"  
Standard Length (Ft) ..... 50'  
Standard Colors ..... gray  
Temperature Range (°F) ..... -40° to 140°



- Light weight polyethylene copolymer hose reinforced with an integral polyethylene helix
- Smooth interior assures efficient air flow
- Superior external abrasion resistance
- Good flexibility with tight bending characteristics
- Crush resistant
- Ideal for use in light weight vacuum applications & as a drain hose
- Suitable for conduit for wiring
- Listed by TEI-LS for use in RV plumbing systems
- Meets IAPMO compliance



## ULT



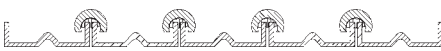
Size Range (In) ..... stock 1", 1 ¼", 1 ½", 2"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... platinum  
Temperature Range (°F) ..... -40° to 140°



- Light weight premium grade polyethylene copolymer hose reinforced with an integral polyethylene helix
- Smooth interior assures very efficient air flow
- Superior external abrasion resistance
- Great flex life for long lasting hose life in applications
- Crush resistant
- Ideal for use in light weight vacuum applications & as a drain hose
- Very durable & flexible in hot & cold applications – meets ASTM 595
- Withstands severe twisting with nearly 100% bounce-back



## GPE



Size Range (In) ..... stock 2", 2½", 3", 4"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors ..... black  
Temperature Range (°F) ..... -40° to 140°



- Light weight polyethylene hose reinforced with an integral polyethylene helix
- Suited for low pressure air movement & fume extraction
- Excellent for light vacuum applications
- Light weight & very flexible
- Economical choice for woodworking & dust collection applications
- Moderate abrasion resistance
- Crush resistant





## DPZ



Size Range (In) . . . . . stock 1 ¼", 1 ½", 2"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . gray  
Temperature Range (°F) . . . . . -40° to 140°



- Light weight polyethylene copolymer hose reinforced with an integral polyethylene helix
- Smooth interior assures efficient air flow
- Light weight & flexible even at low temperatures
- Superior external abrasion resistance
- Ideal for wet/dry vacuum in car wash, commercial & industrial applications
- Very good chemical resistance
- Crush resistant
- Cuffs & custom colors available



## DPZ-C



Size Range (In) . . . . . stock 1 ¼", 1 ½", 2"  
Standard Length (Ft) . . . . . 25', 50'  
Standard Colors . . . . . black with white skimcoat  
Temperature Range (°F) . . . . . -40° to 140°



- Light weight polyethylene conductive copolymer hose with a white skimcoat reinforced with an integral polyethylene helix
- Conductive
- Provides a surface resistance of 10<sup>3</sup>-10<sup>5</sup> Ohms/Sq.
- Smooth interior assures efficient air flow
- Ideal for industrial vacuum & light bulk material applications where static may be an issue
- Superior external abrasion resistance
- Good flexibility with tight bending characteristics
- Crush resistant
- Cuffs & custom colors available



## MG-V



Size Range (In) . . . . . stock ¾" to 2"  
Standard Length (Ft) . . . . . 50'  
Standard Colors . . . . . gray  
Temperature Range (°F) . . . . . -10° to 160°



- PVC hose reinforced with a vinyl coated spring steel wire helix
- Light weight & flexible
- Good chemical resistance
- Popular choice for floor care industry & general industrial vacuum applications
- Cuffs available
- Other colors available
- Available in a stretch version (MG-S)



## MG-U



Size Range (In) . . . . . stock ¾" to 2"  
Standard Length (Ft) . . . . . 50'  
Standard Colors . . . . . black  
Temperature Range (°F) . . . . . -60° to 160°



- Elastomer polyurethane hose reinforced with a vinyl coated spring steel wire helix
- Light weight & flexible
- Good chemical resistance
- Excellent abrasion resistance
- Cuffs available
- Other colors available



## Saniflex®



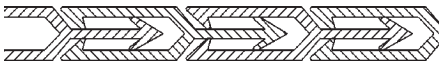
Size Range (In) .....stock ¾" to 2"  
Standard Length (Ft) ..... 50'  
Standard Colors..... natural  
Temperature Range (°F).....-20° to 180°



- Plastic helix supported PVC tape hose
- Very smooth inner surface assures minimal friction loss & efficient air flow
- Light weight & flexible
- Can also be compounded in polyurethane & thermoplastic rubber elastomer materials
- Ideal as a potable water hose in RV applications
- Meets IAPMO compliance



## Pliaduct®



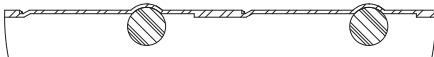
Size Range (In) ..... stock 2" to 12"  
Standard Length (Ft) .... 25' (2"-6"), 10' (8"-12")  
Standard Colors..... gray  
Temperature Range (°F).....-10° to 150°



- 100% rigid self-supporting PVC material with a ribbon-lock construction
- Diameter is adjustable by hand & can be reduced or expanded by approximately 25% of original I.D.
- Chemical resistant
- May be shaped & reshaped & spliced together without special tools
- Excellent for either temporary or permanent installation
- Manufactured with flame retardant materials



## DFD-T



Size Range (In) .....stock 1", 1¼", 1½",  
1¾", 2", 2¼", 2½", 3", 4"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors..... black  
Temperature Range (°F).....-40° to 225°



- Light weight thermoplastic rubber hose reinforced with an internal polypropylene helix
- Pliable helix can be formed to fit various applications
- Flexible, crush resistant & compressible
- Meets FMVSS 302 flame standards
- Great choice for heater/defroster & ventilation applications
- Can also be manufactured with PVC materials



## FTE-T



Size Range (In) .....stock 1", 1¼", 1½",  
1¾", 2", 2¼", 2½", 3", 4"  
Standard Length (Ft) ..... 25', 50'  
Standard Colors..... black with gray helix  
Temperature Range (°F).....-60° to 275°  
intermittent to 300°
















- Light weight thermoplastic rubber hose reinforced with an external polypropylene helix
- Very smooth interior assures minimal friction loss & efficient air flow
- Very flexible & crush resistant
- Can also be manufactured in FDA, polyurethane & PVC elastomer materials
- Ideal for dust collection, fume exhaust & conduit applications



# Cuffs & Connectors

Flexaust offers a variety of accessories and end finishes for the Genesis® and Dayflex® vacuum hose product line.

**A** Air **F** Fume **D** Dust **M** Material






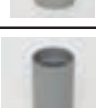
		Genesis® Commercial	Genesis® Flx Plus	Genesis® Tiger Tail®	Genesis® Uni-Loop	Genesis® ULT	Genesis® DPZ	Genesis® DPZ-C	Dayflex® MG-V	Dayflex® MG-U
<b>Screw Cuff Gray</b> DC201 - 1.25" I.D.		•	•		•	•	•			
<b>Screw Cuff Gray</b> DC900 - 1.50" I.D.		•	•		•	•	•			
<b>Screw Cuff Gray</b> DC380 - 2.00" I.D.		•	•		•	•				
<b>Screw Cuff Gray</b> DC384 - 2.00" I.D.							•			
<b>Screw Cuff Gray</b> DC800 - 2.50" I.D. DC801 - 3.00" I.D. DC802 - 4.00" I.D.		•								
<b>Screw Cuff Gray</b> TT754 - 1.00" I.D. TT755 - 1.25" I.D. TT469 - 1.50" I.D. TT615 - 2.00" I.D.									•	•
<b>Screw Cuff Gray</b> DC280 - 1.50" I.D. screw cuff enlarged to fit a 2.00" OD wand		•	•		•	•	•			
<b>Screw Cuff Gray</b> DC400 - 2.00" I.D. screw cuff reduced to fit a 1.50" OD wand		•	•		•	•				
<b>Screw Cuff Black</b> DC202 - 1.25" I.D.		•	•		•	•	•			
<b>Screw Cuff Black</b> DC901 - 1.50" I.D.		•	•		•	•	•			
<b>Screw Cuff Black</b> DC381 - 2.00" I.D.		•	•		•	•				
<b>Conductive Screw Cuff Black</b> DC207 - 1.25" I.D. DC907 - 1.50" I.D. DC387 - 2.00" I.D.								•		
<b>Screw Cuff White</b> DC902 - 1.50" I.D.		•	•		•	•	•			



# Cuffs & Connectors

Flexaust offers a variety of accessories and end finishes for the Genesis® and Dayflex® vacuum hose product line.

**A** **F** **D** **M**  
Air Fume Dust Material

		Genesis® Commercial	Genesis® Flx Plus	Genesis® Tiger Tail®	Genesis® Uni-Loop	Genesis® ULT	Genesis® DPZ	Genesis® DPZ-C	Dayflex® MG-V	Dayflex® MG-U
<b>Screw Cuff White</b> DC383 - 2.00" I.D.		•	•		•	•				
<b>Swivel Cuff Gray</b> DC430 - 1.25" I.D.		•	•		•	•	•			
<b>Swivel Cuff Gray</b> DC440 - 1.50" I.D.		•	•		•	•	•			
<b>Swivel Cuff Gray</b> DC450 - 2.00" I.D.		•	•		•	•				
<b>Swivel Cuff Gray</b> DC455 - 2.00" I.D. swivel cuff reduced to fit 1.50" OD wand		•	•		•	•				
<b>Screw Cuff Nozzle Gray</b> DC100 - 1.50" I.D. 45°		•	•		•	•	•			
<b>Screw Cuff Nozzle Gray</b> DC160 - 2.00" I.D. 45°		•	•		•	•				
<b>Screw Cuff Nozzle Gray</b> DC140 - 2.00" ID 30° screw cuff nozzle with 1.50" I.D. nozzle end		•	•		•	•				
<b>Double Threaded Connector Gray</b> DC180 - 1.25" I.D.		•	•		•	•	•			
<b>Double Threaded Connector Gray</b> DC240 - 1.50" I.D.		•	•		•	•	•			
<b>Double Threaded Connector Gray</b> DC360 - 2.00" I.D.		•	•		•	•				
<b>*Replacement Screw Cuff Black</b> DC621 - 1.50" I.D. DC622 - 2.00" I.D. DC623 - 3.00" I.D. DC624 - 4.00" I.D.				•						

\*Specially formulated replacement hose glue available for these replacement cuffs.

## Flex-Lok® SF



Size Range (In) ..... stock 3" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... -65° to 550°



- Single-ply silicone coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for vehicle exhaust applications with external abrasion
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose



## Flex-Lok® SF-2



Size Range (In) ..... stock 3" to 12"  
..... custom to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... -65° to 750°



- Double-ply silicone coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for high temperature fume control & vehicle exhaust applications with external abrasion
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose



## Flex-Lok® ET



Size Range (In) ..... stock 3" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... -65° to 1050°  
..... intermittent to 1250°



- Single-ply aluminum coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible & compressible
- Ideal for vehicle exhaust applications
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose
- Not recommended for continuous flexing



## Flex-Lok® TF



Size Range (In) ..... stock 3" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... -65° to 500°



- Single-ply Teflon® coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for venting many of today's harsh chemicals
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose



## Flex-Lok® PVG



Size Range (In) ..... stock 3" to 14"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... 20° to 150°  
intermittent to 225°



- Single-ply PVC coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to chemical abrasion
- Extremely flexible
- Ideal for HVAC applications
- Materials used meet the requirements of UL 181, Class 1
- Flame retardant to UL 94V-0
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose



## Flex-Lok® HP



Size Range (In) ..... stock 3" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... silver  
Temperature Range (°F) ..... -40° to 275°



- Single-ply Hypalon® coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for venting applications requiring the chemical resistant properties of Hypalon®
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose



## Flex-Lok® NPB



Size Range (In) ..... stock 3" to 18"  
Standard Length (Ft) ..... 25'  
Standard Colors ..... black  
Temperature Range (°F) ..... -65° to 250°



- Single-ply neoprene coated 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
- Metal strip acts as a wearstrip
- Outstanding resistance to external abrasion
- Extremely flexible
- Ideal for vehicle exhaust applications with external abrasion
- Economical alternative to other neoprene coated polyester products offering increased external abrasion resistance
- Available with a polyurethane (PU-75 shore material) clip cover to protect the helix & the equipment that is attached to the hose

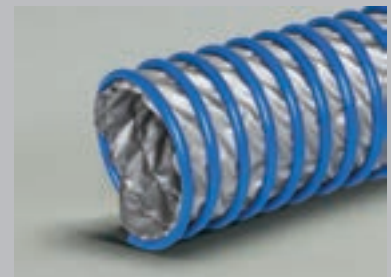


## Flex-Lok® Accessories

- Counter clockwise stainless steel band & welded stainless steel bridge with carbon steel screw fits over the helix creating a leak proof seal
- Polyurethane Clip Cover (PU-75 shore material) to protect the helix & the equipment that is attached to the hose



Bridge Clamps



Clip Cover



## Bendway® A



Size Range (In) . . . . . stock 2" to 12"  
Standard Length (Ft) . . . . . 5', 10'  
Standard Colors . . . . . silver  
Temperature Range (°F) . . . . . -100° to 400°



- 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 & hand bendable allowing for elbows & turns to be formed easily during installation
- Self-supporting construction allows for bends to stay in place
- Resists metal fatigue, weathering & most corrosive fumes & chemicals
- Not recommended for continuous flexing
- Hose connectors available
- Wall thickness = .008"



## Bendway® S



Size Range (In) . . . . . stock 2" to 12"  
Standard Length (Ft) . . . . . 5', 10'  
Standard Colors . . . . . silver  
Temperature Range (°F) . . . . . -400° to 800°



- Single-ply helically corrugated stainless steel alloy hose with a 4-ply finished seam that is folded flat and crimped for tightness and strength
- Light weight & hand bendable allowing for elbows & turns to be formed easily during installation
- Self-support construction allows for bends to stay in place
- Resists metal fatigue, weathering & most corrosive fumes & chemicals
- Not recommended for continuous flexing
- Hose connectors available
- Wall thickness = .005"



## Bendway® Plus



Size Range (In) . . . . . stock 3" to 12"  
Standard Length (Ft) . . . . . 25' (3'-8"), 15' (9'-12")  
Standard Colors . . . . . silver  
Temperature Range (°F) . . . . . up to 1650°



- Manufactured using 316Ti Stainless Steel in a patented roll lock construction
- Durable corrugations allow product to be dragged, bent & reshaped numerous times without damage or breaking
- Suitable for fume & air exhaust applications with extremely high temperatures
- Very flexible
- Titanium stabilized 316 stainless alloy for superior high temperature corrosion resistance
- Suitable for chemical fume exhausting, high temperature & corrosive applications where both positive & negative pressures are involved
- 25' coils can ship via UPS in 3" to 4" diameters
- Wall thickness = .006"



## Bendway® Aluminum and Stainless Steel Shipping Information:

- Each length packed in individual tube. (Suggested to reship from your stock.) Priced at list per foot with added net tube charge per length as stated.
- All Bendway® Aluminum and Stainless Steel must ship freight collect.
- Consult us for specific packaging and freight requirements.

### Minimum Standard Box Quantities:

Size	Lengths Per Box	Feet Per Box
2"	100	1000
3"	48	480
4"	30	300
5"	16	160
6"	12	120
7"	9	90
8"	6	60
10"	4	40
12"	3	30

## Flarelock



Size Range (In) ..... stock 2" to 4"  
 Standard Length (Ft) ..... 11'  
 Standard Colors ..... black  
 Temperature Range (°F) ..... up to 375°

- Light weight rubber hose
- Resistant to heat, aging, gasoline, oil & fumes
- No wire or metal; even when flattened 100%, the hose immediately returns to its original shape
- Ideal for carbon monoxide exhaust applications, small cars & small trucks
- Flared end on each hose allows for connection to multiple lengths of the same size hose
- Easily spliced, connected & re-connected as needed



**F**

## Act



Size Range (In) ..... stock 5", 6"  
 Standard Length (Ft) ..... 11'  
 Standard Colors ..... black  
 Temperature Range (°F) ..... up to 375°

- Light weight wire-reinforced rubber hose
- Resistant to heat, aging, gasoline, oil & fumes
- Wire insert prevents kinking
- Ideal for carbon monoxide exhaust applications, diesel & gasoline trucks



**F**

## Dyno Hose



Size Range (In) ..... stock 4"  
 Standard Length (Ft) ..... 11'  
 Standard Colors ..... gray  
 Temperature Range (°F) ..... up to 450°

- Special rubber blend to withstand the high temperature of a dynamometer when used with a fan assisted system
- Heavy wall thickness increases durability
- Designed to be used in IM240 & VMAS emission testing



**F**

## Garage Exhaust Accessories



Aluminum Door Port



Aluminum Pulley Elbow



Aluminum Splice Connector



Aluminum Y Connector



Tail Pipe Adapter



Rubber Door Port



Twin Oval Adapter



Rubber Y Connector

# Application Guide

Industry	Application	Products
Agricultural	Seeder Hoses, Cotton, Tobacco	Fix-Thane MD, Fix-Thane HD, Commercial, Fix-Thane VHD, Mark 2
Air Duct Cleaning	Duct Cleaning	R-2 Clear, ADC, HT-W, CWC-W, Commercial
Aircraft	Ground Support Duct	CWGS, GS, Flex-Lok ET, Flex-Lok SF-2, SD-W, AWP-W
Automotive	A/C Units, Defroster Duct	CW-325, GS, NS, Flex-Lok SF, Flex-Lok ET
Racing Market	Brake Cooling	LT, BDS, GS, GN, Raceflex, DFD-T
Bridge Cleaning Filtering	Dust Control	Fix-Thane MD, Fix-Thane HD, CWC-W, FSP Bridge
Car Wash	Dryer Duct, Vacuum Hose	T-7W, CWGP, Commercial, Fix Plus, DPZ
Carpet Cleaning	Vacuum Hose	Commercial, STM
Chemical Plants	Fume Control	Flex-Lok HP, Flex-Lok TF, Flex-Lok ET, Bendway Plus, T-7
Clean Rooms	Ventilation	R-2 Clear, Fix-Thane SD, Mark 2
Concrete Transport	Dust Control	Fix-Thane MD, Fix-Thane HD, Fix-Thane VHD
Conduit Applications	Cable Covers & Protectors	Uni-Loop, Commercial
Cotton Picker	Harvesting, Vacuum	Fix-Thane MD, Fix-Thane HD, T-7SR, Flex-Tube™ PU
Defroster/Heater Hose	Heat, Defroster Duct	XLT, GS, GN, Flex-Lok SF, DFD-T
Diesel/Engine Exhaust	High Temperature Exhaust	CW-325, GN, Flex-Lok SF, Flex-Lok ET, Bendway Plus, Flex-Lok SF-2
Dry Cleaning	Fume Control	LT, CW-325, BDS, GS, FTE-T
Duct Cleaning	Duct Cleaning	R-2 Clear, ADC, T-7W, CWC-W, Commercial
Dust Collection	Dust Control	R-4, Fix-Thane LD, Fix-Thane MD, Fix-Thane SD
Exhaust Systems	Carbon Monoxide Removal	CW-325, Flarelock & Act with wire, Flex-Lok SF, Flex-Lok ET, Flex-Lok SF-2
Fireplace Inserts	High Temperature Exhaust	Bendway S, Bendway Plus
Foundries	Dust & Fume Control, Ventilation	GS, Flex-Vest, Flex-Lok SF, Flex-Lok ET, Bendway Plus
Garage Exhaust	Fume Control, High Temperature Exhaust	CW-325, Flarelock & Act with wire, GS, NS, Flex-Lok SF
Helmet Ventilation	Fresh Air Intake	MG-V, FTE-T
Household Vacuum Cleaners	Vacuum Hose	Uni-Loop, Commercial, DPZ, DPZ-C, STM, ULT, DPZ-C
Humidity Control	Dehumidification, Humidity Control	FSP-5, SD-W, AWP-W
HVAC	A/C, Heat, Ventilation	Bendway S, Bendway Plus, FSP-5, Arctic Duct 3, Arctic Duct U, Flex-Lok PVG
Industrial Vacuum Cleaners	Vacuum Hose	Fix-Thane SD, MG-U, Commercial, DPZ-C, ULT
Insulation Companies	Insulation Blowing	Mark 2, Fix Plus, E-2
Lav Waste Disposal	Lav Disposal	Fix-Thane MD, CWC-W, FSP-2
Lawn & Leaf Collection	Grass & Leaf Collection	R-3 Clear, HT-W, Fix-Thane LD, Fix-Thane MD, Fix-Thane HD, Fix-Thane VHD, Flex-Tube™
Marine Sanitation Hose	A/C, Bilge Pumping & Ventilation, Heat	Commercial, STM, Tiger Tail, FTE-T
Mining	Ventilation	CWGP, FSP-5, SD-W, AWP-W
Paint Spray Extraction	Fume Control, Ventilation	T-7, Fix-Thane LD, Fix-Thane MD, Fix-Thane SD, FSP-1
Paper Mills	Drying, Fume & Moisture Control	CW-325, GS, Flex-Lok ET, Fix-Thane HD, Fix-Thane VHD
Peat Moss Vacuum	Vacuum Hose	HT, Fix-Thane MD, Fix-Thane HD, FlexVac, U Series
Pet Grooming Equipment	Vacuum Hose	MG-V, Uni-Loop, Commercial, Fix Plus, R-2, XLT, DPZ
Pharmaceutical	Fume Ventilation	R-2 Clear, R-3 Clear, Fix-Thane LD, White, Flex-Lok TF, Flex-Tube™ PV
Plastic Pellet Transfer	Pellet Conveying	Fix-Thane MD, Fix-Thane HD, Fix-Thane SD, MG-U, U Series
Pollution Control	Dust & Fume Control	R-2 Blue, T-7, CW-325, Flex-Lok SF, Pliaduct
Pumper	Water & Waste Discharge	Commercial, STM, Tiger Tail
R.V. Manufacturing	A/C & Defroster Duct, Lav Disposal	R-2 Blue, T-7, DFD-T, Uni-Loop, Saniflex
Sand Blasting	Dust Control	Fix-Thane MD, Fix-Thane HD, Fix-Thane SD, CWC-W, FSP Bridge
Sand & Gravel Suction	Dust Control, Vacuum Hose	R-3 Blue, R-3 Clear, HT, Fix-Thane MD, Fix-Thane HD
Sewer & Waste	Water & Waste Discharge	Commercial, STM, Tiger Tail
Sheet Metal Houses	Dust & Fume Control	T-7, Fix-Thane LD, Fix-Thane MD, CWGP, FSP-2
Shipyards	Air & Fume Control, Dehumidification	R-3 Blue, CWGP, CWS, FSP-2, Fix-Thane SE
Street & Parking Lot Sweepers	Vacuum Hose	HT, Fix-Thane MD, Fix-Thane HD, CWY, Fix-Thane VHD
Suction Hose	Water & Waste Discharge	R-3 Clear, Fix-Thane MD, Commercial, Tiger Tail, FTH
Textile Mills	Dust & Lint Control	R-2 Blue, XLT, Fix-Thane LD, FSP-1, Flex-Tube™ TR
Tractor Pull Exhaust	Exhaust, Fume Control	CWC-W, GS, NS, Flex-Lok SF, Flex-Lok ET
Vapor Recovery Hose	Fume Control	Fix-Thane LD, Fix-Thane MD, MG-U, Flex-Lok SF, Flex-Lok ET
Vehicle Exhaust Systems	Exhaust, Fume Control	CW-325, Flarelock & Act with wire, GS, NS, Flex-Lok SF
Wave Pool Blowers	Vacuum Hose	R-3 Clear, HT, CWGP, Commercial, FSP-5
Welding	Fume Exhaust	R-2 Blue, FSP-1, CW-325, Flex-Lok SF, Flex-Lok ET, Fix-Thane SE
Woodworking/Furniture Industries	Dust & Chip Control	R-4, Fix-Thane LD, Fix-Thane MD, Fix-Thane HD, Fix-Thane SD



# Engineering Specs

## 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

## Temperature Conversion

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

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

## 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

## 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

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

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

All data based on average approximation.





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