



HI-TECH DURAVENT

Industrial & Commercial
Flexible Hose & Ducting

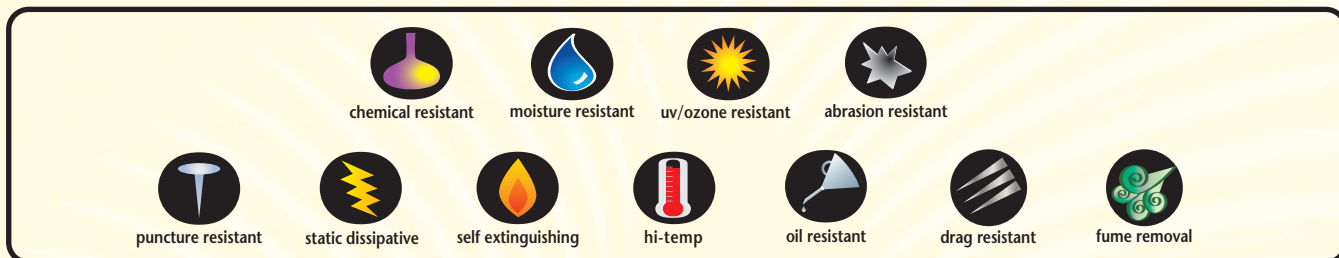


smiths

HI-TECH DURAVENT offers the most comprehensive hose & ducting product line in the industry today! We will continue to offer high-quality, and cutting edge products to the industry.

Hi-Tech Duravent . . . Innovative products by motivated people.

Icon Guide to Assist in Choosing the Best Hose or Duct for Your Application



Why Buy RFH Series Hose?

- Wider temperature range
- Superior chemical resistance
- Better abrasion resistance
- Versatility
- Wearstrip capabilities
- Better UV, moisture & weathering resistance
- Outstanding flex fatigue resistance
- Air tight
- Better looking product to sell
- Will not set to shape of box when packed

General Purpose



CUFFED ENDS AVAILABLE

RFH



Temperature Range:	-60°F to 275°F (intermittent to 300°F)
Construction:	Thermoplastic rubber reinforced with a wire helix
Standard Colors:	Black
Standard Lengths:	25', 50' (available up to 100')
Size Range:	1 1/4" to 24"
Features:	<ul style="list-style-type: none"> • Most versatile general purpose hose available today • No cements, glues or adhesives are used in the manufacturing process • Can handle applications with a wide temperature range • Superior chemical resistance • Good abrasion resistance • RFH-FR (flame retardant) version available, consult us on minimums • See page 8 for 3/4"-1 3/4" (TPE) • Available in metric diameters, other colors and with cuffed ends

Fabric Reinforced, All Purpose



CUFFED ENDS AVAILABLE

RFH-PLUS



Temperature Range:	-60°F to 275°F (intermittent to 325°F)
Construction:	Thermoplastic rubber with polyester fabric reinforced with a wire helix
Standard Colors:	Black
Standard Lengths:	25', 50'
Size Range:	2" to 20"
Features:	<ul style="list-style-type: none"> • Improved puncture, moisture and tear resistance • Higher temperature range than neoprene/fabric hoses • Tremendous versatility • Available with cuffed end finishes • Available with a wearstrip, consult us on minimums and prices • RFH-PLUS-FR (flame retardant) version available, consult us on minimums



RFH-White

chemical resistant

moisture resistant

uv/ozone resistant

fume removal

Temperature Range:	-60°F to 275°F (intermittent to 300°F)
Construction:	White thermoplastic rubber reinforced with a wire helix
Standard Colors:	White
Standard Lengths:	25', 50'
Size Range:	2" to 12"

Features:

- All of the features of standard RFH
- Superior chemical resistance
- Suitable for pharmaceutical and dry food applications
- Materials used in RFH-White are FDA acceptable
- No cements, glues or adhesives are used in the manufacturing process
- Available with cuffed end finishes
- Available in metric diameters, consult us on minimums



RFH-W

chemical resistant

moisture resistant

uv/ozone resistant

drag resistant

Temperature Range:	-60°F to 275°F (intermittent to 300°F)
Construction:	Thermoplastic rubber reinforced with a wire helix and an external polypropylene wearstrip
Standard Colors:	Black with orange wearstrip
Standard Lengths:	25', 50'
Size Range:	2" to 24"

Features:

- Great abrasion resistance
- Ideal where dragging is involved
- The wearstrip helps prevent premature wear-through
- RFH-W wearstrip is molecularly bonded to the hose wall so it will not delaminate
- Available in a heavier wall, consult us on sizes
- Available with cuffed end finishes
- Other wearstrip colors available, consult us on minimums



RFH.045

chemical resistant

moisture resistant

uv/ozone resistant

abrasion resistant

Temperature Range:	-60°F to 275°F (intermittent to 300°F)
Construction:	Thermoplastic rubber reinforced with a wire helix
Standard Colors:	Black
Standard Lengths:	25', 50'
Size Range:	4", 6", 8", 10", 12"

Features:

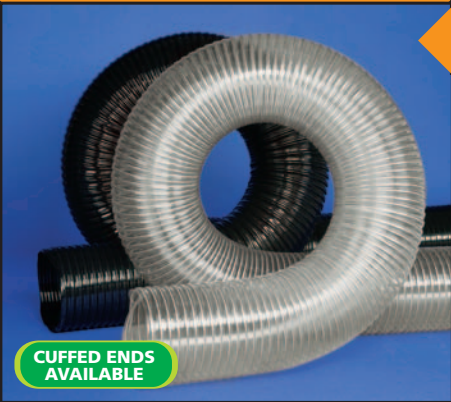
- All of the features of RFH with a heavier/thicker wall
- Better abrasion and tear resistance
- Higher pressure capabilities at elevated temperatures
- Capable of handling more severe abrasion
- Available with cuffed end finishes
- Available in other sizes and with a wearstrip, consult us on minimums



Cuffed End Finishes

- Available on RFH, RFH-Plus, RFH-W, RFH.045, RFH-White, UFD, UFD.020 (up to 4" I.D.), UFD.045, UFD.060, UFD-SD, 2CN, 2PN, PA-EX, TD-S, TD-HS
- Easy clamping without wire helix interference
- Provides tight seal
- Elasticity in cuffs allows for easy installation
- Cuffs are thermally bonded or cemented to hose
- 2" I.D. to 6" I.D. standard cuff width is 1.5"
- 7" I.D. to 12" I.D. standard cuff width is 2"
- Available in various cuff widths

Severe Service



UFD

-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant
-  oil resistant
-  fume removal

Temperature Range:	-65°F to 200°F
Construction:	Thermoplastic polyurethane reinforced with wire helix
Standard Colors:	Clear or black
Standard Lengths:	25', 50'
Size Range:	2" to 18"
Features:	<ul style="list-style-type: none"> • Superior abrasion resistance • Excellent flex fatigue resistance • Allows users to locate blockages • Handles higher pressure and vacuums than standard ducting • Materials used in UFD-Clear are FDA acceptable • Available with cuffed end finishes • Available in metric diameters, please consult us on minimums

Lightweight, Oil Mist



UFD.020

-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  oil resistant
-  fume removal

Temperature Range:	-65°F to 200°F
Construction:	Thermoplastic polyurethane reinforced with wire helix
Standard Colors:	Clear or black
Standard Lengths:	25', 50'
Size Range:	2" to 12"
Features:	<ul style="list-style-type: none"> • Lightweight alternative to UFD • Excellent flexibility • Ideal for oil mist applications • Transparency of the UFD-Clear allows users to locate blockages • Materials used in UFD-Clear are FDA acceptable • Available with cuffed end finishes up to 4" I.D.

Heavy Duty, Severe Service



UFD.045

-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant

Temperature Range:	-65°F to 200°F
Construction:	Heavy walled thermoplastic polyurethane reinforced with a wire helix
Standard Colors:	Clear or translucent blue
Standard Lengths:	25', 50'
Size Range:	2" to 18"
Features:	<ul style="list-style-type: none"> • Superior abrasion resistance • Allows users to locate blockages • Available with cuffed end finishes • Excellent for leaf and lawn collection and other severe service applications • Materials used in UFD.045-Clear are FDA acceptable • Available in 10' lengths during leaf collection season

Heavier Duty, Severe Service





UFD.060

-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant




Temperature Range:	-65°F to 200°F
Construction:	Heavier walled thermoplastic polyurethane reinforced with a wire helix
Standard Colors:	Translucent blue
Standard Lengths:	25', 50'
Size Range:	2 1/2" to 18"
Features:	<ul style="list-style-type: none"> • Superior abrasion resistance • The color of the hose allows for the user to locate blockages • Excellent for leaf and lawn collection, street sweepers and other severe service applications • Available in 10' lengths during leaf collection season











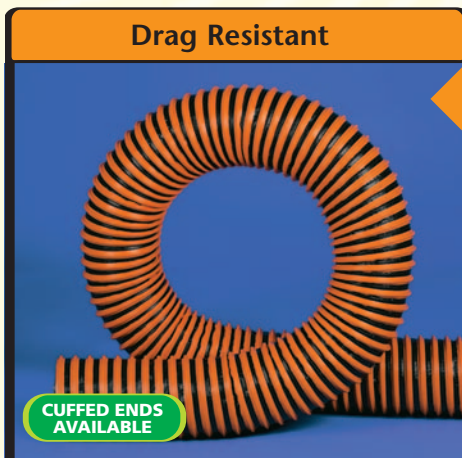
2CN	 
Temperature Range:	-40°F to 250°F
Construction:	Two-ply cotton-neoprene coated reinforced w/wire helix
Standard Colors:	Blue
Standard Lengths:	25'
Size Range:	2" to 24"
Features:	<ul style="list-style-type: none"> • Cost effective hose for dust or fumes under low positive or negative pressure • Excellent tensile strength and crush resistance • Non-flame retardant product • Available in 1" and 1 1/2", please consult factory for minimums • Available as 1CN (one-ply) for temporary service and lighter applications, consult factory for minimums



2PN	  
Temperature Range:	-40°F to 250°F
Construction:	Two-ply polyester-neoprene coated reinforced w/wire helix
Standard Colors:	Black
Standard Lengths:	25'
Size Range:	2" to 24"
Features:	<ul style="list-style-type: none"> • Longer life for positive or negative pressure movement of light particles or materials • Flame retardant to UL94V-0 rating • Conductive compound available for static discharge applications, consult factory for minimums • Non-metallic helix available for non-conductive use • Available in 1" and 1 1/2", please consult factory for minimums • Available as 1PN (1-ply) for temporary service & lighter applications

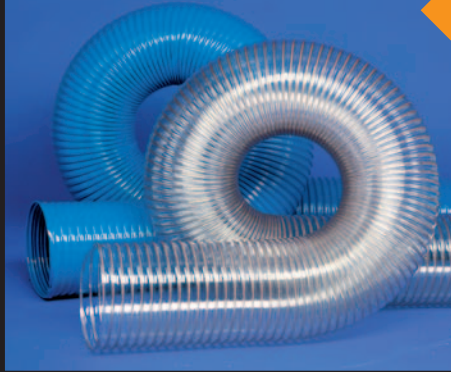


PA-EX	     
Temperature Range:	-40°F to 325°F
Construction:	Two-ply polyester acrylic urethane blend coating reinforced with a wire helix
Standard Colors:	Black
Standard Lengths:	25'
Size Range:	2" to 24"
Features:	<ul style="list-style-type: none"> • Industry standard for hot air, dust and fumes where temperature would exceed normal rubber hose limits • Ideal for light material handling • Wearstrip available for external abrasion resistance • Flame retardant to UL94V-0 rating • Available in blower hose expanded pitch series (IPA-EPW), consult us on minimums



TD-S/TD-HS	      
Temperature Range:	-40°F to 180°F
Construction:	One/two-ply vinyl laminate polyester fabric cover w/ enclosed spring steel wire & heavy duty extruded wearstrip
Standard Colors:	Black with orange wearstrip
Standard Lengths:	25'
Size Range:	3" to 12"
Features:	<ul style="list-style-type: none"> • Excellent flexibility • Flame retardant to UL94V-0 • UL recognized product • Ideal where dragging is involved • Odd sized diameters and custom lengths available upon request • Custom color wearstrip available, consult factory for minimums

Economical, General Purpose



CVD



Temperature Range:	-20°F to 180°F
Construction:	Polyvinylchloride reinforced with a wire helix
Standard Colors:	Clear or blue
Standard Lengths:	25', 50'
Size Range:	1" to 18"
Features:	<ul style="list-style-type: none"> • Economical alternative to most duct and sacrifices nothing in performance • Great flexibility with tight bending characteristics • Ideal for fume removal, dust collection and ventilation applications • Materials used in CVD-Clear are FDA acceptable (2"-18") • Available in metric diameters • Available in a static conductive version (CVD-SC), consult us on minimums

Lightweight



CVD.020



Temperature Range:	-20°F to 180°F
Construction:	Polyvinylchloride reinforced with a wire helix
Standard Colors:	Clear
Standard Lengths:	25', 50'
Size Range:	2" to 12"
Features:	<ul style="list-style-type: none"> • Lightweight alternative to CVD • Better flexibility with tighter bending characteristics • Ideal for fume removal, dust collection and ventilation applications • Materials used in CVD-Clear are FDA acceptable • Available in metric diameters

Economical, Air Duct Cleaning



ARD



Temperature Range:	-20°F to 180°F
Construction:	Clear polyvinylchloride wall reinforced with a spring wire helix
Standard Colors:	Clear
Standard Lengths:	25', 50'
Size Range:	6" to 18"
Features:	<ul style="list-style-type: none"> • Economical choice for moving large volumes of air • Highly retractable, very flexible and sturdy • Can be used in low vacuum applications on dust cleaning equipment • Available in white, consult us on minimums

Air Ventilation

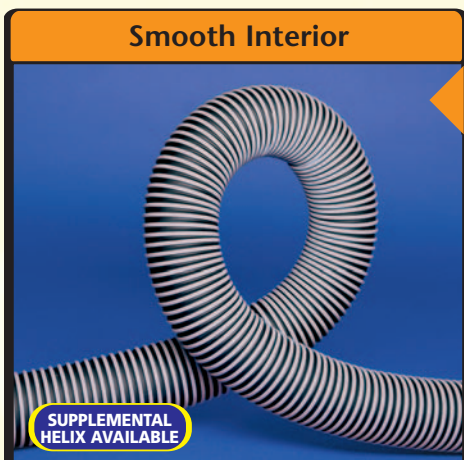


SLP-10



Temperature Range:	0°F to 250°F
Construction:	One-ply flame retardant vinyl coated woven fiberglass cover permanently bonded to a PVC-coated spring steel wire helix
Standard Colors:	Grey
Standard Lengths:	25'
Size Range:	2" to 14"
Features:	<ul style="list-style-type: none"> • Meets UL 181 class flammability rating • Great for ventilation of dry cleaning equipment, air intake and exhaust ducts • Ideal for low volume air transfer • Excellent compressibility and flexibility





ARH

-  chemical resistant
-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  drag resistant

Temperature Range:	-60°F to 275°F (intermittent to 300°F)
Construction:	Thermoplastic rubber with an external polypropylene wearstrip
Standard Colors:	Black with grey helix
Standard Lengths:	25', 50'
Size Range:	3/4" to 10"
Features:	<ul style="list-style-type: none"> • Smooth interior for easy flow • Excellent crush resistance • Available with integral cuffs • Screw-on cuff available up to 4" • External helix allows for rough use in applications where the hose will be dragged • Ideal for dust collection, fume exhaust and conduit applications • ARH is available in white, consult us on minimums and price • Materials used in ARH-White are FDA acceptable



UFD-AP

-  moisture resistant
-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant
-  drag resistant

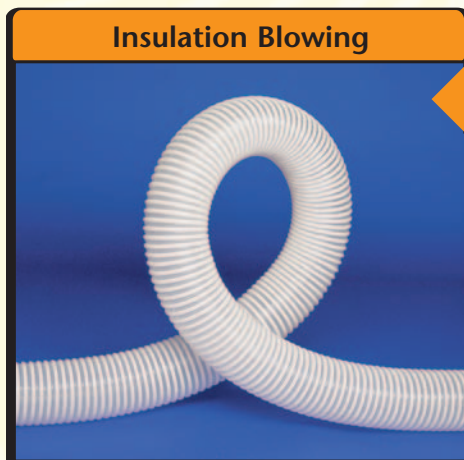
Temperature Range:	-40°F to 200°F
Construction:	All thermoplastic polyurethane hose reinforced with an ABS helix
Standard Colors:	Clear with a safety yellow helix
Standard Lengths:	25', 50'
Size Range:	1 1/2" to 8"
Features:	<ul style="list-style-type: none"> • Smooth interior • Lightweight and highly flexible • Suitable replacement for thicker walled EPDM hoses • The clarity of the hose allows the user to check for blockages • Helix provides added durability in applications where the hose is being dragged • Great for dust, leaf and woodchip collection, pellets and scrap



CVD-AP

-  chemical resistant
-  moisture resistant
-  drag resistant

Temperature Range:	10°F to 160°F
Construction:	Clear polyvinylchloride reinforced with a polyvinylchloride helix
Standard Colors:	Clear with black helix
Standard Lengths:	25', 50'
Size Range:	4" to 8"
Features:	<ul style="list-style-type: none"> • Economical • Crush resistant • Smooth interior to minimize friction loss • See page 9 for EH-L 1 1/2" - 3 1/2" • Helix provides added durability where the hose is being dragged • Lightweight, durable and great bending characteristics • Ideal for sawdust, fume removal, light duty material handling • Screw-on cuff available up to 4"



333

-  chemical resistant
-  moisture resistant
-  abrasion resistant
-  drag resistant

Temperature Range:	-30°F to 130°F
Construction:	Clear polyethylene reinforced with polyethylene helix
Standard Colors:	Clear wall with opaque helix
Standard Lengths:	25', 50'
Size Range:	1" to 4"
Features:	<ul style="list-style-type: none"> • Crush resistant • Clear wall allows user to detect blockages • Great flexibility • Excellent for insulation blowing applications • Materials are FDA acceptable • Screw-on cuffs available 1 1/4" - 3"

Industrial Vacuum



CUFFED ENDS AVAILABLE

Super Vac-U-Flex®

- moisture resistant
- uv/ozone resistant
- oil resistant
- fume removal

Temperature Range:	-20°F to 150°F
Construction:	High strength fiber reinforced PVC hose cover bonded to coated spring steel helix
Standard Colors:	Grey
Standard Lengths:	25' (3" and 4"), 50'
Size Range:	1 1/4" to 4"
Features:	<ul style="list-style-type: none"> • Great for industrial and commercial vacuum cleaners and ventilating or cooling industrial machinery • Ideal for bilge pumps and bilge ventilation • Flexibility for easy handling and installation • Other colors and lengths available with minimum order, consult factory • Screw on end fittings available see page 9

Excellent Flexibility



CUFFED ENDS AVAILABLE

Vac-U-Flex® CMD

- moisture resistant
- uv/ozone resistant
- oil resistant
- fume removal

Temperature Range:	-20°F to 150°F
Construction:	Flexible PVC hose jacket bonded to coated spring steel helix
Standard Colors:	Grey
Standard Lengths:	25'
Size Range:	3/4" and 1"
Features:	<ul style="list-style-type: none"> • Offers versatility and great flexibility • Other diameters available with 3000' minimum order • Screw on end fittings available see page 9

Smooth Interior, Economical



Vac-U-Flex® TPE

- oil resistant
- fume removal

Temperature Range:	-40°F to 250°F
Construction:	Industrial weight, specially formulated two-ply thermoplastic elastomer material; coated spring steel helix encapsulated and bonded to hose jacket
Standard Colors:	Black
Standard Lengths:	25'
Size Range:	3/4" to 6"
Features:	<ul style="list-style-type: none"> • Rubber-like characteristics • Offers great flexibility and smooth interior • Exceptional toughness • Resistant to most acids, alkalis and solvents • Pitch, wall thickness, and length variations available with 3000' minimum order

Exceptional Toughness



Vac-U-Flex® TPU

- moisture resistant
- oil resistant
- fume removal

Temperature Range:	-40°F to 200°F
Construction:	Flexible, smooth interior 100% clear two-ply thermoplastic polyurethane material; coated spring steel helix encapsulated and bonded to hose jacket
Standard Colors:	Clear
Standard Lengths:	25'
Size Range:	3/4" to 6"
Features:	<ul style="list-style-type: none"> • Offers high abrasion, puncture, and tear resistance • Excellent chemical, oil, and fungus resistance • Low temperature flexibility





Light Duty

Vac-U-Flex® EH-L

- moisture resistant
- oil resistant
- drag resistant
- fume removal

Temperature Range:	-20°F to 150°F
Construction:	Light duty PVC film with external polymer helix
Standard Colors:	Clear with black helix
Standard Lengths:	25'
Size Range:	1 1/2" to 4"
Features:	<ul style="list-style-type: none"> • Great flexibility and good abrasion resistance • Provides a smooth interior for easy air flow • Handles tight bends without kinking • Excellent for both positive and negative pressure applications



Crush Resistant

Vac-U-Lok®

- chemical resistant
- moisture resistant
- oil resistant
- fume removal

Temperature Range:	-65°F to 140°F
Construction:	Interlocked flexible EVA hose
Standard Colors:	Grey
Standard Lengths:	25' (2", 3"), 50' (1 1/4", 1 1/2")
Size Range:	1 1/4" to 3"
Features:	<ul style="list-style-type: none"> • Non-wire self-supporting construction • Great crush resistance and durability • Color variations available with 3000' minimum order • Screw-on end fittings available

CUFFED ENDS AVAILABLE



Vacuum

VH2000

- chemical resistant
- moisture resistant
- uv/ozone resistant
- abrasion resistant
- drag resistant

Temperature Range:	-40°F to 140°F
Construction:	All polyethylene hose engineered for optimum strength and flexibility
Standard Colors:	Grey
Standard Lengths:	25', 50'
Size Range:	1 1/4", 1 1/2", 2"
Features:	<ul style="list-style-type: none"> • Lightweight and durable • Excellent flexing characteristics • Ideal for most industrial vacuum applications • Smooth interior offers unrestricted vacuum, even when the hose is subject to tight bends • Screw-on cuffs available

CUFFED ENDS AVAILABLE



Accessories

CUFFS

Construction:	Vinyl
Standard Colors:	Grey
Size Range:	3/4", 1, 1 1/4", 1 1/2", 2", 2 1/2", 3", 4"
Styles:	<ul style="list-style-type: none"> • Swivel screw-on cuff • Straight screw-on cuff • Connectors • Cuff availability varies by product • Other accessories and colors available, consult us on minimums



Smooth Interior



SDH

-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant
-  static dissipative
-  oil resistant

Temperature Range:	-20°F to 180°F
Construction:	Specially formulated thermoplastic polyurethane reinforced with a plastic helix and copper grounding wire
Standard Colors:	Clear with opaque helix
Standard Lengths:	25', 50'
Size Range:	3/4"* , 1"* , 1 1/4" , 1 1/2" , 1 3/4" , 2" , 2 1/2" , 3" , 4" (*without static wire)
Features:	<ul style="list-style-type: none"> • Smooth interior • Possesses inherent static dissipation • Materials are FDA acceptable • Screw-on cuffs available • Does not outgas and is free of fillers and surface oils • Excellent flexibility, abrasion resistance and clarity • Ideal for clean rooms, powder and plastic pellet transfer • Surface resistivity 10⁸ - 10¹⁰ ohms/sq.

Static Dissipative



UFD-SD

-  uv/ozone resistant
-  abrasion resistant
-  puncture resistant
-  static dissipative
-  oil resistant

Temperature Range:	-20°F to 200°F
Construction:	Specially formulated thermoplastic polyurethane reinforced with a wire helix
Standard Colors:	Clear
Standard Lengths:	25', 50'
Size Range:	2" to 12"
Features:	<ul style="list-style-type: none"> • Excellent flexibility, abrasion resistance and clarity • Possesses inherent static dissipation • Does not outgas and is free of fillers and surface oils • Ideal for clean rooms, grain dust collection, powder & flour handling • Materials used are FDA acceptable • Surface resistivity 10⁸ - 10¹⁰ ohms/sq.

Heater/Defroster

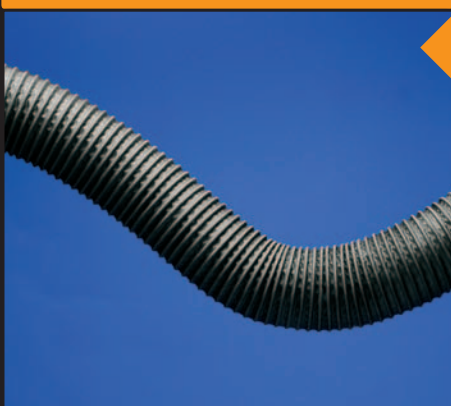


Dura-Flex "D"

-  moisture resistant
-  oil resistant
-  self extinguishing
-  fume removal

Temperature Range:	-40°F to 250°F
Construction:	Thermoplastic elastomer reinforced with a wire helix
Standard Colors:	Black
Standard Lengths:	50'
Size Range:	1 1/2" , 2" , 2 1/2" , 3" , 4"
Features:	<ul style="list-style-type: none"> • Offers unmatched flexibility and durability in a light weight product • Designed for low pressure exhaust and recovery applications, and defroster applications • Meets FMVSS 302 flame standards

Heater/Defroster and A/C Hose



HTR

-  chemical resistant
-  moisture resistant
-  self extinguishing

Temperature Range:	-40°F to 225°F
Construction:	Polypropylene reinforced with a polypropylene rod helix
Standard Colors:	Black
Standard Lengths:	25', 50'
Size Range:	1" to 8"
Features:	<ul style="list-style-type: none"> • Economical • Excellent compressibility • Crush resistant • Meets FMVSS 302 flame standards • Lightweight, very flexible and good flex fatigue resistance • Great choice for heater/defroster hose, air conditioning and ventilation • Available in a clear incinerable version, consult us on diameters and prices





Blower Hose

**1PV-EP-HM
1PN-EP-HM**



Temperature Range:	-20°F to 180°F (intermittent to 225F) (PV) -40°F to 250°F (PN)
Construction:	One-ply polyester vinyl laminate expanded pitch with encapsulated wire helix and extruded polymer wearstrip (PV) or one-ply polyester neoprene coated (PN)
Standard Colors:	Yellow with black wearstrip
Standard Lengths:	25'
Size Range:	4" to 24"
Features:	<ul style="list-style-type: none"> • Light weight (PV) • Heaviest duty of Max-Flyte Series (PN) • Highly compressible for positive pressure movement for air, dust and fumes at lower temperature ranges (PV) • Flame retardant to UL94V-0 rating • Non-standard sizes and lengths available, please consult factory

CUFFED ENDS AVAILABLE



Insulated Heat & A/C

Therma-Cool PV & PN



Temperature Range:	-20°F to 180°F(PV), -40°F to 250°F(PN)
Construction:	Two-ply polyester vinyl laminate (PV) or neoprene (PN) with foam insulating material and extruded polymer wearstrip
Standard Colors:	Yellow hose with black wearstrip
Standard Lengths:	25'
Size Range:	4" to 24"
Features:	<ul style="list-style-type: none"> • Insulated hose for the temporary transfer of heated or cooled air for climate conditioning • Flame retardant to UL94V-0 rating • Non-standard ID's and lengths available • Cuff ends available • Optional colors available

CUFFED ENDS AVAILABLE



High Temperature

TP-W



Temperature Range:	-40°F to 275°F
Construction:	Thermoplastic rubber coated fabric reinforced with a steel spring wire helix and an external wearstrip
Standard Colors:	Black with safety yellow wearstrip
Standard Lengths:	25', 50'
Size Range:	8" to 24"
Features:	<ul style="list-style-type: none"> • Highly retractable • Withstands higher temperatures • UV resistant • Ideal for large volumes of hot air • Options include sewn cuffs, hook-and-loop style belted cuffs, cuffs with buckles and ring connector end fittings

End Finishes for 1PV-EP-HM, 1PN-EP-HM, Therma-Cool, TP-W



Sewn Cuffs: Two-ply of polyester fabric sewn on to the ends.

Standard Belted Cuffs: For easy attachment to portable blowers. The belt is sewn around the cuff to insure quick and secure connection to most portable blowers.

Ring Connectors: Sewn into the ends of the hose to keep dust end open. Ring connectors interlock for quick connection of utility blower hoses.

Light Weight



CUFFED ENDS AVAILABLE

Flex-Flyte® L-1



Temperature Range:	-65°F to 300°F
Construction:	Two-ply neoprene coated fiberglass
Standard Colors:	Black
Standard Lengths:	12' (3/4" ID 10' lengths)
Size Range:	3/4" to 12"
Features:	<ul style="list-style-type: none"> • Lightweight and flexible • Flame retardant to UL94V-0 rating • UL recognized product • Great for low pressure applications • Handles air and fumes at low pressures and moderately high temp. • Not recommended for continuous flexing, liquids or abrasives • Available as U-1 (one-ply) for lower pressure applications • Non-standard lengths and cuffs available, please consult factory

2-Ply High Temperature



CUFFED ENDS AVAILABLE

Flex-Flyte® L-9



Temperature Range:	-75°F to 500°F (intermittent to 600°F)
Construction:	Two-ply silicone coated fiberglass
Standard Colors:	Red
Standard Lengths:	12' (3/4" ID 10' lengths)
Size Range:	3/4" to 12"
Features:	<ul style="list-style-type: none"> • UV and weather resistant • Light weight, easy to install and non-kinking • Great for handling air, dust, fumes & light powder • Standard duct for high temperature air flow and fume removal • Internal ply provides a smooth interior for maximum air flow and minimum friction loss • Not recommended for liquids or abrasive materials • Available as U-9 (one-ply) for lower pressure applications • Non-standard lengths and cuffs available, please consult factory

Smooth Interior



CUFFED ENDS AVAILABLE

Flex-Flyte® LR-1



Temperature Range:	-65°F to 300°F
Construction:	Two-ply neoprene coated fiberglass with a .032 neoprene liner
Standard Colors:	Black
Standard Lengths:	12'
Size Range:	3/4" to 12"
Features:	<ul style="list-style-type: none"> • Smooth interior provides maximum airflow and minimizes friction loss • Tough interior is great for handling small particles • Good abrasion resistance for light material handling • Non-standard lengths and cuffs available, please consult factory

Abrasion Resistant



CUFFED ENDS AVAILABLE

Flex-Flyte® R



Temperature Range:	-60°F to 300°F
Construction:	Two-ply coated neoprene fiberglass
Standard Colors:	Black
Standard Lengths:	12'
Size Range:	1" to 12"
Features:	<ul style="list-style-type: none"> • Smooth interior provides maximum airflow with minimal friction loss • Does not kink in sharp bends • Rugged fiberglass base





Teflon® Liner

Flex-Flyte® TFE-S



Temperature Range:	-75°F to 400°F
Construction:	Two-ply silicone coated fiberglass with Teflon® liner
Standard Colors:	Red
Standard Lengths:	12' (1/2" ID 6' length, 3/4" ID 10' length)
Size Range:	1/2" to 12"
Features:	<ul style="list-style-type: none"> • Teflon® liner is permanently bonded to inner ply of silicone fiberglass material • Excellent chemical resistance and flow characteristics • Also available as TFE-N (Neoprene coated fiberglass with Teflon® liner with temp. range -75°F to 300°F)



Accessories

FlexFast Couplings



Temperature Range:	-20°F to 225°F/Neoprene, -75°F to 500°F/Silicone
Construction:	Neoprene rubber and neoprene woven nylon or silicone rubber and silicone woven fiberglass
Standard Colors:	Black (Neoprene), Red (Silicone)
Standard Lengths:	7"
Size Range:	2 3/8" to 12 3/4" (2" to 12" pipe sizes)
Features:	<ul style="list-style-type: none"> • Each convolution is reinforced inside and outside by a stainless steel ring • Clamp available for couplings • Class "B" military grade coupling available



Light Weight

Flex-Flyte® VF



Temperature Range:	-20°F to 200°F
Construction:	One-ply flame retardant vinyl coated fiberglass
Standard Colors:	Grey
Standard Lengths:	25'
Size Range:	2" to 14"
Features:	<ul style="list-style-type: none"> • Ideal for transfer of low volume cool and warm air • Flame retardant to UL94V-0 • Excellent flexibility • Great for ventilation of photo reproduction machines and fine dust collection systems



High Temperature

Flex-Flyte® MT2



Temperature Range:	-75°F to 375°F (intermittent to 425°)
Construction:	Two-ply EAE copolymer compound coated fiberglass
Standard Colors:	Grey
Standard Lengths:	12'
Size Range:	1/2" to 12"
Features:	<ul style="list-style-type: none"> • Good abrasion resistance • Excellent oil, lubricant and water resistance • Outstanding ozone/weather resistance • Flame retardant to UL94V-0



Connectors



Accessories

Left & Right Handed Bridge Clamps

- Stainless steel bridge clamp provides a strong seal
- The flat band clamps around the hose between the raised helix to insure a tight leak guard at the connection
- Available in sizes: 2" - 24" ID

Quick Release Clamps

- The open/close design allows for easy installation
- Features stainless steel band
- Available in sizes: 3" - 24" ID

Wyes/bitches, welded reducers and small hoods.

Please consult factory for availability and pricing

Connectors



Couplers

Button Locs

- Produced from 16 gauge galvanized steel that provides an internal male/female lock mechanism
- Easily attached on site with standard worm gear clamps or banding
- Available in sizes 4" - 24"

Slip Loc

- Provide a quick, convenient means of coupling hose on site when banded with screw clamps
- In 304 stainless steel and reusable
- Available in sizes 4" - 18"

Ground Groove Coupler

- Produced from 304 stainless steel and features Slip-loc/J-loc style connection
- Feature grounding groove from helical wire attachment to provide positive ground transfer
- Available in sizes 4" - 18"

Duct Connectors

- Produced in 20 gauge steel
- A quick and easy way to extend any length of duct in the field with the use of bridge clamps, provides good sealing characteristics
- Available in sizes 4" - 24"

HI-TECH DURAVENT solves more end user hose & ducting application problems than anyone else in the market today!

We use only the highest quality raw materials to produce innovative, trend setting products.

This catalog represents the core Hi-Tech Duravent product line.

Our knowledgeable, technically trained sales team is ready to help with your hose & ducting needs.

Please refer to our website www.hitechduravent.com for our complete product offering.

www.hitechduravent.com



Please visit our web site for Application Images, Technical Data Sheets, Printable Product Sheets, Price Lists, Downloadable Catalog PDF, Press Releases and our Newest Developments!

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INDUSTRY	APPLICATION	HOSE TYPE
Air Cleaning & Purifying	Ventilation & Fresh Air Intake	RFH, SVUF, TPE, CVD
Automotive	Defroster Duct, CAC Units	L-9, L-1, Dura-Flex "D", HTR, STS
Carpet & Car Wash	Vacuum Hose & Dryer Duct	VH2000, Vac-U-Lok, RFH
Chemical Plants	Fume Control	RFH, CVD, UFD, TPU, TFE-S, PA-EX
Computer Chip Manufacturing	Chemical Fume Removal	RFH, TFE-S, CVD, SVUF, ARH
Conduit	Cable Covers & Protectors	ARH, SVUF, Vac-U-Lok, J-11
Corrugated Box Manufacturing	Dust Control	RFH, CVD, UFD, 2PN
Duct Cleaning Services	Duct Cleaning	ARD, WPE, RFH-W, TBH-W, TDHS
Electronic Equipment	Fume Control & Cooling	RFH, L-1, SVUF, TPE, CVD, J-11
Electroplating	Fume Control	RFH, CVD, L-9, L-1, TPU, UFD.020
Exhaust Systems	Carbon Monoxide Removal	PA-EX, RFH, L-9, GEX
Fans	Exhaust, Ventilation, Dehumidification	1PV-EP-HM, RFH, VF, SLP-10
Floor Care Equipment	Suction, Air Intake, Solution Drain	SVUF, CMD, J-11, TPU
Flour Mills	Static, Dust Collection, Product Transfer	UFD-SD, SDH, UFD.060
Foundries	Fume, Dust Control, Ventilation	RFH, PA-EX, CVD, UFD, L-9
Furnace Cleaning	Dust Control	TDHS, RFH-W, UFD, TBH-W
Furniture Manufacturing	Dust & Chip Control	UFD, RFH, SVUF, TPU, CVD
Grain Mills	Dust Collection, Static	UFD-SD, UFD, 2PN-C
Ground Support	Lavatory Hose, AC & Heater Duct	UFD, 2PV, Therma-Cool, 1PV-EP
Hospitals	Fresh Air Intake & Ventilation	RFH-White, ARD, SLP-10, VF, ARD
Insulation Companies	Insulation Blowing	333
Lawn Mowers - Riders	Grass Collection	UFD, UFD-AP, UFD.045, CVD-AP
Leaf Collectors	Leaf Collection	UFD.045 & .060, TBH-W, RFH-W.045
Marine Industry	Bilge Ventilation, AC & Heat	VF, SVUF, RFH, TPU, TPE
Metal Fabrication	Oil Mist Collection	SVUF, TPU, UFD
P.C. Board Manufacturing	Fume Control	RFH, TFE-S, CVD, SVUF, ARH
Paper Mills	Fume, Moisture, Drying Control	RFH, L-9, UFD, CVD, TPE, TPU
Pharmaceutical	Fume Ventilation	RFH-White, TPU, UDF-SD, CVD, SVUF
Plastics Industry	Pellet Conveying, Heat Transfer, Drying	SDH, EH-L, L-9, L9-I, RFH-Plus, MT-2
Plating Equipment	Fume Removal	RFH, CVD, SVUF, TPE, L-9, MT-2
Pollution Control	Fume & Dust	RFH, 1PV-EP-HM, CVD, TPE
Portable Heaters/AC	Air Transfer	1PV-EP, 1PN-EP, Therma-Cool, TP-W
Racing Markets	Brake Cooling & Fresh Air Intake Duct	L-9, HTR, Duraflex "D", MT-2
Railroads	HVAC & Water Discharge	RFH, VF, SLP-10, J-11, SVUF, TPE
Rental Market	Heat & AC Duct	1PV-EP, 1PN-EP, Therma-Cool
RV Manufacturing	Lav Disposal/Defroster& AC Duct	Duraflex "D", J-11, ARH, UFD, EH-L
Saw Mills	Dust & Chip Control	RFH, UFD, UFD.045, RFH-Plus
Sheet Metal Houses	Dust & Fume Removal	SVUF, RFH, UFD, 2PN, CVD
Ship Yards	Air & Fume, Dehumidification	PFR, 2PN, 1PV-EP, ARH, 2PV-HM
Street Sweepers	Replacement Hose	UFD, UFD.045, RFH.045
Textile Mills	Dust & Lint Control	RFH, SVUF, UFD, TPU, RFH-Plus
Truck & Bus Manufacturing	Defroster Duct	Duraflex "D", J-11, HTR, PEH, BVH
Welding Shops	Fume Exhaust	2PN/1PN, PFR, RFH
Woodworking Shops	Dust Collection	SVUF, RFH, TPU, CVD, EH-L



Flexible Hose & Ducting

Hi-Tech Duravent has been established as the largest hose & ducting manufacturer in the industry based on technology, utilization of advanced raw materials and a problem solving approach to the marketplace. While product development has been an integral part of our 50 year history, the key to our success is unparalleled service to our customers. We welcome any comments, suggestions, advice or requests that would help us serve your needs in the best possible manner.

Our vast array of resources from sister companies to worldwide locations, have allowed us to continually expand our product line and utilize the most sophisticated research and design methods in the business. Today we offer the most comprehensive product line of flexible ductwork in the world.

Many engineered polymers are being used today where steel and more restrictive materials were used. By using these engineered polymers, we can offer some of the most advanced products in our industry.

Hi-Tech Duravent would like to thank all of our customers who have helped us grow as a company and as individuals. Thanks also to potential customers who have taken the time to seek us out.

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