



DURA-VENT HI-TECH FLEXIBLE DUCT

DURA-VENT HI-TECH INDUSTRIAL AND COMMERCIAL FLEXIBLE DUCT

www.hitechduravent.com

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Flexible Ducts & Liners

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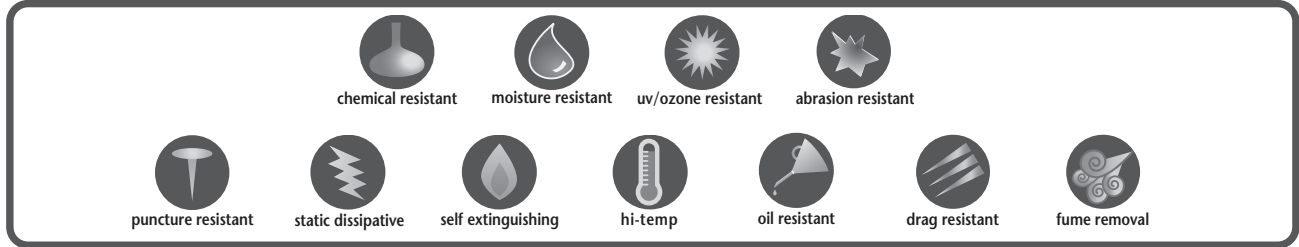
SPIDA

Spiral Duct Manufacturers Association
www.spida.org



DURA-VENT HI-TECH FLEXIBLE DUCT

ICON GUIDE TO ASSIST IN CHOOSING THE BEST HOSE OR DUCT FOR YOUR APPLICATION:



RFH SERIES HOSES

RFH — General Purpose



RFH
(Cuffed ends available)



| | |
|---------------------------|---|
| 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:**
- 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*
 - See following pages for 3/4"-1-3/4" (TPE)
 - Available in metric diameters, other colors and with cuffed ends

RFH-PLUS — Fabric Reinforced, All Purpose



RFH-PLUS
(Cuffed ends available)



| | |
|---------------------------|---|
| 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:**
- Improved puncture, moisture and tear resistance
 - Higher temperature range than neoprene/fabric hoses
 - Tremendous versatility
 - Available with cuffed end finishes
 - Available with a wearstrip*
 - RFH-PLUS-FR (flame retardant) version available*

* Contact your local ECCO Sales Representative for minimums and pricing.

- E.&O.E. - May not be in stock at all branches, if so please allow 10 days for delivery. -
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RFH SERIES HOSES (cont'd)

RFH-White — Pharmaceutical, FDA



chemical resistant



moisture resistant



uv/ozone resistant

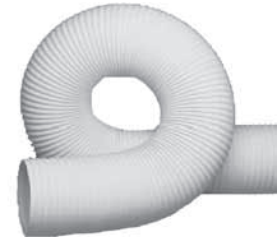


fume removal

| | |
|---------------------------|---|
| 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*



RFH-White
(Cuffed ends available)

RFH-W — Drag Resistant



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*



RFH-W
(Cuffed ends available)

RFH.045 — Heavy Duty, All Purpose



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*



RFH.045
(Cuffed ends available)

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Flexible Ducts & Liners



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RFH SERIES HOSES (cont'd)

Cuffed End Finishes — Tight Seal



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

UFD SERIES HOSES

UFD — Severe Service



moisture resistant



uv/ozone resistant



abrasion resistant



puncture resistant



oil resistant



fume removal



UFD
(Cuffed ends available)

| | |
|---------------------------|---|
| 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:

- 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*

UFD.020 — Lightweight, Oil Mist



moisture resistant



uv/ozone resistant



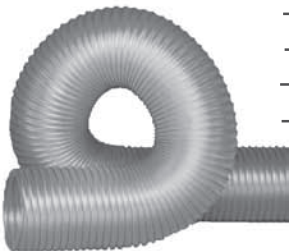
abrasion resistant



oil resistant



fume removal



UFD.020
(Cuffed ends available)

| | |
|---------------------------|---|
| 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:

- 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.

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UFD SERIES HOSES (cont'd)

UFD.045 — Heavy Duty, Severe Service



| | |
|---------------------------|--|
| 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" |



UFD.045
(Cuffed ends available)

Features:

- 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

UFD.060 — Heavier Duty, Severe Service



| | |
|---------------------------|--|
| 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" |



UFD.060
(Cuffed ends available)

Features:

- 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

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DURA-VENT HI-TECH FLEXIBLE DUCT

GENERAL PURPOSE HOSES

2CN — Rugged



2CN
(Cuffed ends available)



puncture resistant



fume removal

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:**
- 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"*
 - Available as 1CN (one-ply) for temporary service and lighter applications*

2PN — Flame Retardant



2PN
(Cuffed ends available)



puncture resistant



self extinguishing



fume removal

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:**
- 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"*
 - Available as 1PN (1-ply) for temporary service & lighter applications

Note: For pricing see end of section.

PA-EX — High Temperature



PA-EX
(Cuffed ends available)



moisture resistant



uv/ozone resistant



oil resistant



self extinguishing



hi-temp



fume removal

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:**
- 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)*

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DURA-VENT HI-TECH FLEXIBLE DUCT

GENERAL PURPOSE HOSES (cont'd)

TD-S/TD-HS — Drag Resistant



| | |
|---------------------------|---|
| 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:**
- 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*



TD-S/TD-HS
(Cuffed ends available)

FUME REMOVAL HOSES

CVD — Economical, General Purpose



| | |
|---------------------------|--|
| 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:**
- 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)*



CVD

CVD.020 — Lightweight



| | |
|---------------------------|--|
| 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:**
- 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



CVD.020

Flexible Ducts & Liners

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DURA-VENT HI-TECH FLEXIBLE DUCT

FUME REMOVAL HOSES (cont'd)

ARD — 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:

- 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*

SLP-10 — 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:

- 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

* Contact your local ECCO Sales Representative for minimums and pricing.



DURA-VENT HI-TECH FLEXIBLE DUCT

ALL PLASTIC HOSES

ARH — Smooth Interior



| | |
|---------------------------|---|
| 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:**
- 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



ARH
(Supplemental helix available)

UFD-AP — Severe Service, Smooth Interior



| | |
|---------------------------|--|
| 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:**
- 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



UFD-AP
(Supplemental helix available)

CVD-AP — Light Duty, Material Handling



| | |
|---------------------------|---|
| 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:**
- Economical
 - Crush resistant
 - Smooth interior to minimize friction loss
 - See following pages 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"



CVD-AP
(Supplemental helix available)

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DURA-VENT HI-TECH FLEXIBLE DUCT

ALL PLASTIC HOSES (cont'd)

333 — Insulation Blowing



333



| | |
|---------------------------|---|
| Temperature Range: | |
| Construction: | -30°F to 130°F |
| Standard Colors: | Clear polyethylene reinforced with polyethylene helix |
| Standard Lengths: | Clear wall with opaque helix |
| Size Range: | 25', 50' |
| | 1" to 4" |

Features:

- 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"

VAC-U-FLEX® SERIES HOSES

Super Vac-U-Flex® — Industrial Vacuum



Super Vac-U-Flex®
(Cuffed ends available)



| | |
|---------------------------|---|
| 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:

- 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, contact your local ECCO Sales Branch
- Screw on end fittings available see following pages

Vac-U-Flex® CMD — Excellent Flexibility



Vac-U-Flex® CMD
(Cuffed ends available)



| | |
|---------------------------|--|
| 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:

- Offers versatility and great flexibility
- Other diameters available with 3000' minimum order
- Screw on end fittings available see following pages

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DURA-VENT HI-TECH FLEXIBLE DUCT

VAC-U-FLEX® SERIES HOSES (cont'd)

Vac-U-Flex® TPE — Smooth Interior, Economical



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:

- Rubber-like characteristics
- Exceptional toughness
- Resistant to most acids, alkalis and solvents
- Pitch, wall thickness, and length variations available with 3000' minimum order
- Offers great flexibility and smooth interior



Vac-U-Flex® TPE

Vac-U-Flex® TPU — Exceptional Toughness



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:

- Offers high abrasion, puncture, and tear resistance
- Excellent chemical, oil, and fungus resistance
- Low temperature flexibility



Vac-U-Flex® TPU

Vac-U-Flex® EH-L — Light Duty



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:

- 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*

* Contact your local ECCO Sales Representative for minimums and pricing.



Vac-U-Flex® EH-L

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VAC-U-FLEX® SERIES HOSES (cont'd)

Vac-U-Lok® — Crush Resistant



Vac-U-Lok®
(Cuffed ends available)



| | |
|---------------------------|------------------------------------|
| 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:

- Non-wire self-supporting construction
- Great crush resistance and durability
- Color variations available with 3000' minimum order
- Screw-on end fittings available

VH2000 — Vacuum



VH2000
(Cuffed ends available)



| | |
|---------------------------|---|
| 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:

- 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

CUFFS — Accessories



CUFFS — Accessories

| | |
|-------------------------|---|
| Construction: | Vinyl |
| Standard Colors: | Grey |
| Size Range: | 3/4", 1, 1-1/4", 1-1/2", 2", 2-1/2", 3", 4" |

Styles:

- Swivel screw-on cuff
- Straight screw-on cuff
- Connectors
- Cuff availability varies by product
- Other accessories and colors available*

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DURA-VENT HI-TECH FLEXIBLE DUCT

SPECIAL SERVICE HOSES

SDH — Smooth Interior



| | |
|---------------------------|---|
| 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:

- 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.



SDH
(Cuffed ends available, supplemental helix available)

UFD-SD — Static Dissipative



| | |
|---------------------------|--|
| 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:

- 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.



UFD-SD
(Cuffed ends available)

Dura-Flex "D" — Heater/Defroster



| | |
|---------------------------|--|
| 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:

- 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



Dura-Flex "D"

Flexible Ducts & Liners

* Contact your local ECCO Sales Representative for minimums and pricing.

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DURA-VENT HI-TECH FLEXIBLE DUCT

SPECIAL SERVICE HOSES (cont'd)

HTR — 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:

- 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 your local ECCO Sales Representative on diameters and prices

MAX-FLYTE HOSE SERIES

1PV-EP-HM, 1PN-EP-HM — Blower Hose



1PV-EP-HM, 1PN-EP-HM
(Cuffed ends available)



moisture resistant (PV)



uv/ozone resistant (PV)



oil resistant (PV)



self extinguishing



drag resistant



fume removal

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:

- 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 your local ECCO Sales Representative

Therma-Cool PV and PN — Insulated Heat and A/C



Therma-Cool PV and PN
(Cuffed ends available)



moisture resistant (PV)



uv/ozone resistant (PV)



self extinguishing



drag resistant



fume removal

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:

- 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

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DURA-VENT HI-TECH FLEXIBLE DUCT

MAX-FLYTE HOSE SERIES (cont'd)

TP-W — 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:

- 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 ensure 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.

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Flexible Ducts & Liners

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DURA-VENT HI-TECH FLEXIBLE DUCT

FLEX-FLYTE® SERIES HOSES

Flex-Flyte® L-1 — Light Weight



Flex-Flyte® L-1
(Cuffed ends available)



self extinguishing



hi-temp



fume removal

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:

- 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*

Flex-Flyte® L-9 — 2-Ply High Temperature



Flex-Flyte® L-9
(Cuffed ends available)



hi-temp



fume removal

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:

- 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*

Flex-Flyte® LR-1 — Smooth Interior



Flex-Flyte® LR-1
(Cuffed ends available)



oil resistant

self extinguishing

hi-temp

fume removal

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:

- 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*

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DURA-VENT HI-TECH FLEXIBLE DUCT

FLEX-FLYTE® SERIES HOSES (cont'd)

Flex-Flyte® R — Abrasion Resistant



Flex-Flyte® R
(Cuffed ends available)

| | |
|---------------------------|------------------------------------|
| 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:

- Smooth interior provides maximum airflow with minimal friction loss
- Does not kink in sharp bends
- Rugged fiberglass base

Flex-Flyte® TFE-S — Teflon® Liner



Flex-Flyte® TFE-S
(Cuffed ends available)

| | |
|---------------------------|---|
| 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:

- 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)

FlexFast Couplings — Accessories



FlexFast Couplings —
Accessories

| | |
|---------------------------|---|
| 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:

- Each convolution is reinforced inside and outside by a stainless steel ring
- Clamp available for couplings
- Class "B" military grade coupling available

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DURA-VENT HI-TECH FLEXIBLE DUCT

FLEX-FLYTE® SERIES HOSES (cont'd)

Flex-Flyte® VF — Light Weight



Flex-Flyte® VF



uv/ozone resistant



self extinguishing



fume removal

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:

- 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

Flex-Flyte® MT2 — High Temperature



Flex-Flyte® MT2
(Cuffed ends available)



chemical resistant



moisture resistant



oil resistant



hi-temp



fume removal

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:

- Good abrasion resistance
- Excellent oil, lubricant and water resistance
- Outstanding ozone/weather resistance
- Flame retardant to UL94V-0

* Contact your local ECCO Sales Representative for minimums and pricing.



DURA-VENT HI-TECH FLEXIBLE DUCT

ACCESSORIES

Connectors

- The flat band clamps around the hose between the raised helix to ensure a tight leak guard at the connection
- Available in sizes: 2" - 24" ID
- Features stainless steel band
- Available in sizes: 3" - 24" ID

Wyes/branches, welded reducers and small hoods.

Contact your local ECCO Sales Representative 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"



Couplers

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DURA-VENT HI-TECH FLEXIBLE DUCT

INDUSTRY AND APPLICATION

| 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, UFD-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 |

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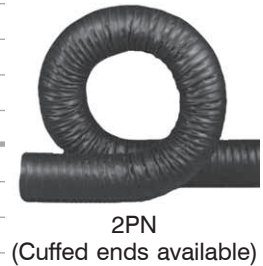
DURA-VENT HI-TECH FLEXIBLE DUCT

INDUSTRIAL GENERAL PURPOSE FLEX — MODEL 2PN

2-Ply Polyester-Neoprene Coated

Flame Retardant to UL94V-0 rating for positive or negative pressure rating.

| STOCK # | SIZE (") | DESCRIPTION | PRICE/FT |
|---------|----------|---------------|----------|
| 704401 | 1-1/2 | 25 ft. length | \$ 14.00 |
| 704402 | 2 | 25 ft. length | 15.00 |
| 704425 | 2-1/2 | 25 ft. length | 16.00 |
| 704403 | 3 | 25 ft. length | 17.00 |
| 704404 | 4 | 25 ft. length | 19.00 |
| 704405 | 5 | 25 ft. length | 22.00 |
| 704406 | 6 | 25 ft. length | 25.00 |
| 704407 | 7 | 25 ft. length | 27.00 |
| 704408 | 8 | 25 ft. length | 31.00 |
| 704400 | 9 | 25 ft. length | P.O.A. |
| 704410 | 10 | 25 ft. length | 39.00 |
| 704412 | 12 | 25 ft. length | 47.00 |



Note: 2PN Flex available in sizes up to 24" ID.

GARAGE EXHAUST

A high grade exhaust hose for the safe removal of vehicle emissions and other harmful fumes. Call your local ECCO Sales Representative for your specific application needs.

| STOCK # | MODEL | DESCRIPTION | PRICE |
|---------------------|---------|--------------------|--------|
| Exhaust Hose | | | |
| 704400 | FLT 200 | Flarelock (2") | P.O.A. |
| 704400 | FLT 250 | Flarelock (2-1/2") | P.O.A. |
| 704400 | FLT 300 | Flarelock (3") | P.O.A. |
| 704400 | FLT 350 | Flarelock (3-1/2") | P.O.A. |
| 704400 | FLT 400 | Flarelock (4") | P.O.A. |
| 704000 | ACT 400 | 4" x 11 ft. | P.O.A. |
| 704400 | ACT 500 | 5" x 11 ft. | P.O.A. |
| 704400 | ACT 600 | 6" x 11 ft. | P.O.A. |
| 704400 | 40-20 | 4" x 20 ft. | P.O.A. |



FLT

Adapter

| | | | |
|--------|--------|--------------------|--------|
| 704400 | F 250 | Tailpipes (2") | P.O.A. |
| 704400 | F 300 | Tailpipes (2-1/2") | P.O.A. |
| 704400 | F 350 | Tailpipes (3") | P.O.A. |
| 704400 | F 475 | Twin/Oval Pipes | P.O.A. |
| 704400 | F 575 | Twin/Oval Pipes | P.O.A. |
| 704400 | RA 250 | Bell – 2-1/2" Hose | P.O.A. |
| 704400 | RA 300 | Bell – 3" Hose | P.O.A. |



Adapter
Accessories

(cont'd on next page)

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DURA-VENT HI-TECH FLEXIBLE DUCT

GARAGE EXHAUST (cont'd)

| STOCK # | MODEL | DESCRIPTION | PRICE |
|---------|-------------|--------------------------------|----------|
| 704400 | UNA 1000 | Universal Adapter | P.O.A. |
| 704400 | TPA 3000 | Separated Pipes | P.O.A. |
| 704400 | F 400 | Gasoline Truck | P.O.A. |
| 704436 | DSR 600 | Diesel Stack | \$163.00 |
| 704440 | DSR 600-6 | Diesel Stack (6") | 192.00 |
| 704400 | SP 25 | For 2-1/2" Hose | P.O.A. |
| 704400 | SP 30 | For 3" Hose | P.O.A. |
| 704400 | SP 40 | For 4" Hose | P.O.A. |
| 704400 | AC 30 | Aluminum Connector for 3" Hose | P.O.A. |
| 704400 | AC 40 | Aluminum Connector for 4" Hose | P.O.A. |
| 704461 | AC 50 | Aluminum Connector for 5" Hose | 101.00 |
| 704400 | AC 60-OC | Aluminum Connector for 6" Hose | P.O.A. |
| 704400 | DF 25 | Rubber 2-1/2" Hose | P.O.A. |
| 704400 | ADF 30 | Aluminum Door Port for 3" Hose | P.O.A. |
| 704400 | ADF 40 | Aluminum Door Port for 4" Hose | P.O.A. |
| 704400 | RY 25 | For 2-1/2" Hose | P.O.A. |
| 704400 | RY 30 | For 3" Hose | P.O.A. |
| 704400 | AY 40 | Aluminum Connector for 4" Hose | P.O.A. |
| 704400 | ACT 500W/11 | 5" × 11' with Wire | P.O.A. |
| 704400 | ACT 600W/11 | 6" × 11' with Wire | P.O.A. |