



NORSEMAN
PROTECTIVE SOLUTIONS

Fiercely Reliable™

OUT WORK.
OUT PERFORM.
OVER ACHIEVE.

PORTABLE TEMPORARY DUCTING

Fiercely Reliable™ since 1921

GEAR
PERFORM **2**

FIERCELY RELIABLE™ SINCE 1921.

Norseman Protective Solutions is the largest manufacturer and supplier of industrial fabric, foam and film protective solutions in North America. We provide customers with sustainable and durable protective solutions designed to improve operating productivity in the most challenging conditions.

GEAR2PERFORM

We make high-performing protective gear for people, products and environments. Count on Norseman gear to help you accomplish what you've set out to do. Our gear falls into these categories:

- › Industrial Fabric Solutions
- › Foam Fabrication
- › Construction Gear
- › Portable Temporary Ducting
- › Containerized Shipping Solutions

OUR FIERCELY RELIABLE COMMITMENT

Norseman has strived to be a company that customers can rely on. Our design and manufacturing teams work alongside customers to understand their projects and working environments and to develop protective solutions that help our customers *outwork, outperform and overachieve*.

MANUFACTURING EXCELLENCE

Norseman operates over 100,000 square feet of quality-controlled manufacturing facilities across North America. We can meet tight delivery requirements and supply gear year-round.

FABRIC, FOAM AND FILM EXPERTISE

Our long-term relationships with suppliers across the globe allow us to source superior materials to manufacture our high-performing protective gear.

COAST-TO-COAST CUSTOMER ACCESS

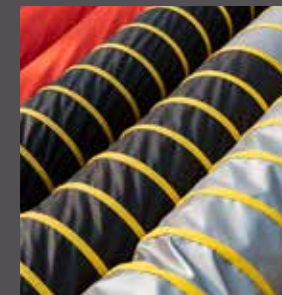
Each of our branches and distribution locations has its own unique design capabilities, expertise in engineering and manufacturing, and staff with extensive knowledge of superior industrial fabrics, foams and films. This expertise is complemented by our sales and customer-support presence across Canada and the US, ensuring that every customer has direct access and support from our team.

We are Fiercely Reliable, working side by side with our suppliers, partners and customers for 100 years.



PORTABLE TEMPORARY DUCTING

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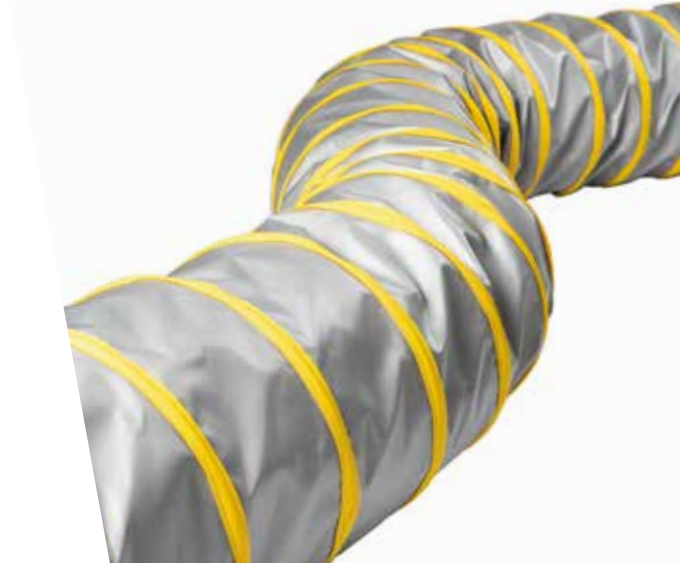


ARCTIC HELIX™ HIGH-TEMP (HT)



GEAR UP FOR THE COLD WITH THE INDUSTRY'S HIGHEST-PERFORMING HEAT DUCT.

Norseman's Arctic Helix HT portable heat ducts are made from advanced Fiberglass fabric with silicone coating on both sides, keeping the duct flexible in extreme cold. Finished with the industry's first stainless-steel collar, Helix HT guarantees a secure fit, eliminating any additional service time.



⚙️ SPECIFICATIONS:

- Manufactured with durable, flexible Fiberglass fabric with silicone coating on both sides; water, mold/mildew and fire resistant (FR), and odor-free.
- Durable FR Santoprene™ wear strip provides an additional layer of protection.
- Standard colors: Silver with yellow wear strip.
- Wire helix provides a strong structure, ensuring consistent airflow.
- Integrated compression straps assist with carrying and ensure compact storage.
- Passes FR testing to NFPA 701 and CAN/ULC-S109.

🔗 CONNECTION:

- 12" duct: Pin-lock and belted-cuff ends.
- 16" duct: Belted-cuff and wire-ring ends.
- Used in both horizontal and vertical applications.
- Bidirectional—the duct can be connected from either end.
- Industry's first stainless-steel collar for a rust-free connection.

In stock, ready to ship from one of our distribution locations.

Norseman's Arctic Helix HT heat duct is **GEAR2PERFORM**.

GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Deliver heat in the most extreme cold conditions.



PROTECT

Silicone-coated Fiberglass with FR Santoprene wear strip.



WITHSTAND

Horizontal or vertical airflow.



FIT

Stainless-steel pin-lock collar for a secure, rust-free connection.



PERFORM

GEAR INFORMATION:

📏 STANDARD SIZING:

- 12" x 12'
- 12" x 25'
- 16" x 25'



TEMPERATURE RATING:

-60°F to 500°F (-51°C to 260°C)



CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	COLLAR CONFIGURATION	DIAMETER	LENGTH
412087SS	Stainless Steel Pin-Lock	12"	12'
412088SS	Stainless Steel Pin-Lock	12"	25'
412089SS	Stainless Steel Pin-Lock	16"	25'

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ARCTIC DURASHIELD PLUS



DEPENDABLE, PORTABLE HEAT DUCTING WITH ADDITIONAL ENTRY PROTECTION.

Norseman's Arctic Durashield Plus heat ducting keeps you going in the cold. Its advanced heavy-weight urethane-coated Polyester fabric maintains maximum durability and output, giving you cold-weather performance your crews can count on.

SPECIFICATIONS:

- Manufactured with durable urethane-coated Polyester; water, mold/mildew and fire resistant (FR), and odor-free.
- 500°F (260°C)-rated silicone fabric lead gives additional heat protection at entry.
- Durable FR Santoprene™ wear strip provides an additional layer of protection.
- Standard colors: Black with yellow wear strip.
- Wire helix provides a strong structure, ensuring consistent airflow.
- Integrated compression straps assist with carrying and ensure compact storage.
- Passes FR testing.

CONNECTION:

- Various connection methods available, including pin-lock, belted-cuff and wire-ring collar combinations.
- Used in both horizontal and vertical applications.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Deliver warm air where you need it most.



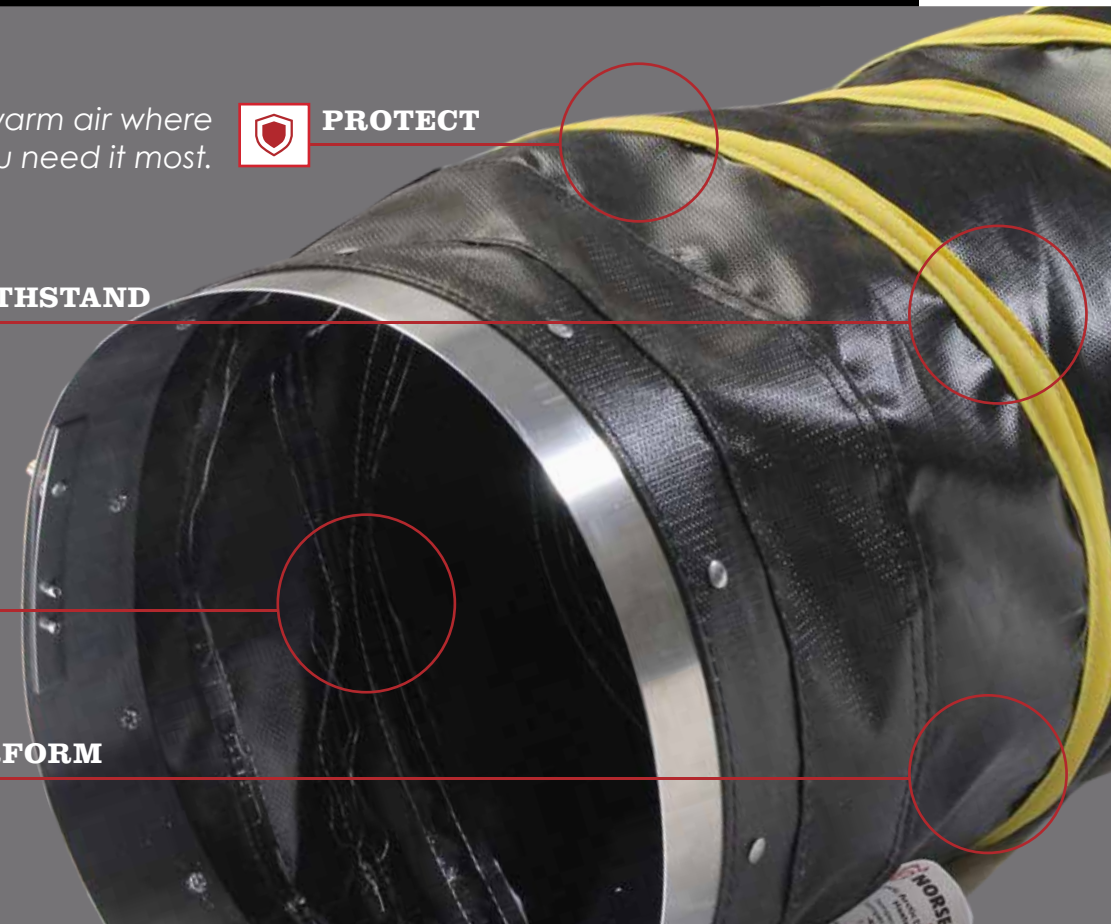
Urethane-coated Polyester with FR Santoprene wear strip and silicone lead for added heat protection.



Horizontal or vertical airflow.



Multiple collar attachments allow for a quick and secure connection.



GEAR INFORMATION

STANDARD SIZING:

- 12" x 12'
- 16" x 25'
- 12" x 25'

TEMPERATURE RATING:

-60°F to 375°F (-51°C to 190°C)

CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	COLLAR CONFIGURATION	DIAMETER	LENGTH
450955	Pin-Lock / Belted-Cuff Collars	12"	12'
450956	Pin-Lock / Belted-Cuff Collars	12"	25'
450957	Belted-Cuff / Wire-Ring Collars	16"	25'

In stock, ready to ship from one of our distribution locations.

Norseman's Arctic Durashield Plus heat duct is **GEAR2PERFORM**.

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ARCTIC DURASHIELD



PERFORMANCE YOU NEED, WHEN YOU NEED IT, WHERE YOU NEED IT.

Norseman's Arctic Durashield ducting is dependable, high-performance heat gear with heavy-weight urethane-coated Polyester fabric, optimizing comfort and efficiency.



⚙️ SPECIFICATIONS:

- Manufactured with durable urethane-coated Polyester; water, mold/mildew and fire resistant (FR), and odor-free.
- Durable FR Santoprene™ wear strip provides an additional layer of protection.
- Standard colors: Black with yellow wear strip or all black (certain sizes only).
- Wire helix provides a strong structure, ensuring consistent airflow.
- Integrated compression straps assist with carrying and ensure compact storage.
- Passes FR testing.

🔗 CONNECTION:

- Available with pin-lock, wire-ring, quick-grip and belted-cuff collars.
- Used in both horizontal and vertical applications.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Deliver heated air where you need it most.



PROTECT

Urethane-coated Polyester with FR Santoprene wear strip.



WITHSTAND

Horizontal or vertical airflow.

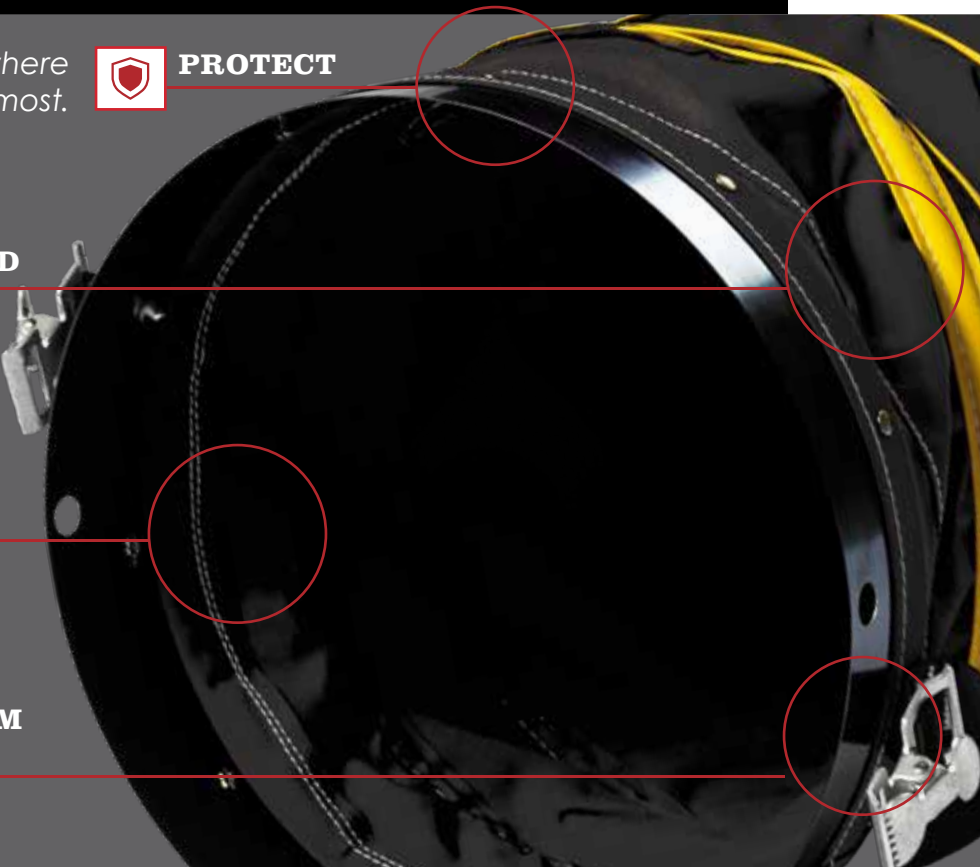


FIT

Multiple collar attachments allow for a quick and secure connection.



PERFORM



GEAR INFORMATION

📏 STANDARD SIZING:

- 12" x 12'
- 18" x 12'
- 12" x 25'
- 16" x 15'
- 18" x 25'
- 20" x 25'
- 24" x 25'

🌡️ TEMPERATURE RATING:

-60°F to 325°F (-51°C to 162°C)

⚙️ CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	COLLAR CONFIGURATION	SIZE	COLOR
450947	Pin-Lock / Belted-Cuff Collars	12" x 12'	Black / Yellow
450948	Pin-Lock / Belted-Cuff Collars	12" x 25'	Black / Yellow
450950QG	Quick-Grip / Wire-Ring Collars	12" x 12'	Black / Yellow
450951QG	Quick-Grip / Wire-Ring Collars	12" x 25'	Black / Yellow
450952QG	Quick-Grip / Wire-Ring Collars	16" x 25'	Black / Yellow
462161QG	Quick-Grip / Wire-Ring Collars	18" x 12'	Black / Yellow
462162QG	Quick-Grip / Wire-Ring Collars	18" x 25'	Black / Yellow
450953QG	Quick-Grip / Wire-Ring Collars	20" x 25'	Black / Yellow
450954QG	Quick-Grip / Wire-Ring Collars	24" x 25'	Black / Yellow
413335QG	Quick-Grip / Wire-Ring Collars	12" x 25'	Black / Black
413336QG	Quick-Grip / Wire-Ring Collars	16" x 25'	Black / Black
413334QG	Quick-Grip / Wire-Ring Collars	20" x 25'	Black / Black

In stock, ready to ship from one of our distribution locations.

Norseman's Arctic Durashield heat duct is **GEAR2PERFORM**.

To learn more about Norseman and our gear, contact one of your local Norseman gear specialists or visit our website.

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ARCTIC ECONORUSH



DURABLE, DEPENDABLE, PORTABLE HEAT DUCTING.

Norseman's Arctic Econorush ducting is a reliable, efficient solution for delivering temporary heat in several different applications.

⚙️ SPECIFICATIONS:

- Manufactured with durable urethane-coated Polyester; water, mold/mildew and fire resistant (FR), and odor-free.
- Partial silicone liner for advanced 500°F (260°C) heat protection at entry.
- Standard color: Safety orange.
- Wire helix provides a strong structure, ensuring consistent airflow.
- Integrated compression straps assist with carrying and ensure compact storage.
- Passes FR testing.

🔗 CONNECTION:

- 12" duct: Male pin-lock on entry, female pin-lock on exit.
- 16" duct: Belted-cuff on entry, wire-ring on exit.
- Used for horizontal applications only.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Economical solution for delivering temporary heat.



PROTECT

Urethane-coated Polyester.



WITHSTAND

Horizontal airflow applications only.



FIT

Multiple collar attachments allow for a quick and secure connection.



PERFORM

GEAR INFORMATION

📏 STANDARD SIZING:

- 12" x 12'
- 12" x 25'
- 16" x 25'



TEMPERATURE RATING:

-60°F to 350°F (-51°C to 176°C)



CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	COLLAR CONFIGURATION	DIAMETER	LENGTH
413398	Pin-Lock	12"	12'
411897	Pin-Lock	12"	25'
411899	Belted-Cuff / Wire-Ring Collars	16"	25'

In stock, ready to ship from one of our distribution locations.

Norseman's Arctic Econorush heat duct is **GEAR2PERFORM**.

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HEAT DUCTING ADAPTERS



DISTRIBUTE AIR WHERE IT IS NEEDED MOST.

Securely connect your portable ducting with **Norseman's Heat Ducting Adapters and Accessories.**

Our accessory lineup includes a variety of connectors that allow for the redirection of air into multiple paths and a connector designed to assist with turns and corners.

Enlargers and reducers are used to increase or decrease the diameter of your duct, enabling you to customize the ducting for almost any demand.

⚙️ SPECIFICATIONS:

- Heat adapters are made with our 500°F (260°C) rated silicone fabric.
- Wye Adapters available in a variety of sizes. Enlargers and reducers are also available in multiple configurations. Custom sizing available upon request.
- Sheet-metal splitters and reducers can be replaced with our lightweight fabric accessories as a cost-saving alternative.
- Easy to compress for compact storage and transport.

🔗 CONNECTION:

- Norseman's line of ducting adapters and accessories offers more flexible configurations to securely deliver the heated air your team needs to keep working.
- Custom accessories can be designed and manufactured to fit any configuration, with multiple connection options: belted-cuff, pin-lock, gear-clamp and wire-ring.

Various adapters in stock, including Wye and reducer/enlarger configurations.

Norseman's Heat Ducting Adapters are **GEAR2PERFORM.**



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Customize your airflow to distribute heat where it is needed most.

PROTECT

500°F (260°C)-rated silicone fabric.

WITHSTAND

Wye, 90° elbow and reducer/enlarger configurations.

FIT

Adapters can be designed and manufactured to fit any configuration.

PERFORM

GEAR INFORMATION:

ITEM NUMBER	PRODUCT	DIMENSIONS	TEMPERATURE RATING	CONNECTION	COLOR
413175	Wye Adapter - Heater Duct	12" x 12" x 12"	500°F (260°C)	3 Wire-Ring Collars	Silver
413316	Wye Adapter - Heater Duct	12" x 12" x 12"	500°F (260°C)	Belted-Cuff / 2 Pin-Lock	Silver
456230	Wye Adapter - Heater Duct	16" x 12" x 12"	500°F (260°C)	Belted-Cuff / 2 Wire-Ring	Silver
456380	Wye Adapter - Heater Duct	16" x 16" x 16"	500°F (260°C)	Belted-Cuff / 2 Wire-Ring	Silver
462154	Wye Adapter - Heater Duct	20" x 12" x 12"	500°F (260°C)	Belted-Cuff / 2 Wire-Ring	Silver
413301	Wye Adapter - Heater Duct	24" x 16" x 16"	500°F (260°C)	Belted-Cuff / 2 Wire-Ring	Silver
450760	Duct Flange Adapter, Box Heater	12"	N/A	Pin-Lock	Black

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AERO AIRSTREAM™

GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.



OUR SIGNATURE VENTILATION DUCT. BRIGHTER. COOLER. STRONGER.

Norseman's Aero Airstream™ is our signature A/C and ventilation duct. It's manufactured with tear-resistant fabrics and unique features for maximum durability and efficiency—ideal for construction and industrial environments, large tents, temporary structures and more.

⚙️ SPECIFICATIONS:

- Manufactured with fire-retardant (FR) Polyethylene (PE) fabric; water, mold/mildew and fire resistant, and odor-free.
- Puncture damage and tearing are limited with high tensile strength fabric, ensuring performance isn't compromised.
- Fire Retardant PVC wear strip provides an additional layer of protection.
- UV-resistant chromatic finish ensures a bright-white, no-fade professional look, even after extensive use.
- Wire helix provides a strong structure, ensuring consistent airflow in both horizontal and vertical applications.
- PE fabric's smooth interior provides maximum airflow with minimal friction loss, delivers maximum volume of air to where you need it.
- Sewn-in grommet tabs allow for easy overhead suspension.
- Available in 6" Supply Pitch or a 4" Return Pitch
- Integrated compression straps assist with carrying and ensure compact storage
- Passes FR testing to NFPA 701 and CAN/ULC-S109 standards.
- Insulated Supply Duct also available.



Direct cooled air into your environment.



PROTECT

FR Polyethylene with FR PVC wear strip.



WITHSTAND

Horizontal or vertical installation.



FIT

Quick-connect collar configurations provide a secure connection.



PERFORM

GEAR INFORMATION



CONNECTION:

- Available in multiple collar configurations for different connections—wire-ring, quickgrip and belted-cuff.



• New QuickGrip collar coming in 2022!



STANDARD SIZING:

- Available in diameters ranging from 12" through 24".



TEMPERATURE RATING:

-22°F to 200°F (-30°C to 93°C)



CUSTOMIZATION:

Custom Options Available

APPLICATION	PITCH	AVAILABLE SIZES			COLLAR CONFIGURATION
Supply	6"	12" x 15'	12" x 25'	14" x 25'	Various
		16" x 15'	16" x 25'	18" x 25'	
		20" x 15'	20" x 25'	24" x 25'	
Insulated Supply	6"	12" x 25'	16" x 25'	20" x 25'	QuickGrip / Wire Ring
Return	4"	12" x 25'	14" x 25'	16" x 25'	Various
		20" x 25'	24" x 25'		

In stock, ready to ship from one of our distribution locations.

Norseman's Aero Airstream™ A/C & ventilation duct is **GEAR2PERFORM**.

To learn more about Norseman and our gear, contact one of your local Norseman gear specialists or visit our website.

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A/C EXHAUST TILE & DUCT CEILING KIT

KEEP TEMPERATURES DOWN WHERE YOU NEED IT MOST.

Norseman's portable A/C Exhaust Tile & Duct Ceiling Kit is an all-in-one indoor A/C ceiling kit designed to exhaust warm air away from indoor settings while providing cool, fresh air.

Manufactured using lightweight, tear-resistant Polyethylene (PE) fabric that is easy to install, handle and clean, the solid-tube duct has a smooth, efficient, quiet airflow. We've made this duct easy to use; its wider cuff and the industry's first integrated QuickGrip collar make it easier to handle and install. You don't need any additional tools to connect your duct tightly to our lightweight fire-retardant (FR) ABS ceiling tile. The innovative step-flange design is taller and features a deeper flare to secure the duct to the tile, giving you a reliable and secure connection.

DUCT SPECIFICATIONS:

- Manufactured with PE fabric; water, mold/mildew and fire resistant, and odor free.
- Puncture damage and tearing are limited through high tensile strength fabric, ensuring performance isn't compromised.
- Standard colors: White with white wear strip. Black coloured duct coming in 2022.
- UV-resistant chrome finish ensures a bright-white, no-fade professional look, even after extensive use.
- Lock stitching minimizes wear and tear and creates a long-lasting duct.
- Tubular structure provides unrestricted air flow.
- New patent-pending QuickGrip collar secures to AC Unit and Ceiling Tile quickly and efficiently, no tools required. Our most secure and versatile collar.
- Internal compression tabs allow for storage while still attached to the tile.
- Duct Sizing: 12" or 16" Diameters in both 8' or 12' lengths.
- Passes FR testing to NFPA 701 and CAN/ULC-S109 standards.

TILE SPECIFICATIONS:

- Made from rugged, flexible ABS material.
- Easy-to-clean, wipeable surface.
- Finished edges prevent cuts and scrapes.
- Step-flange neck lets you stack, transport and store.
- Ducts connect easily with our taller flange neck.
- Passes FR testing to NFPA 701 standards.

CEILING KIT SPECIFICATIONS:

- Made from rugged, flexible ABS material.
- Easy-to-clean, wipeable surface.
- Tile Sizing: 24" x 24" Tile with either 12" or 16" flange diameter

In-stock, ready to ship from one of our distribution locations.

Norseman's A/C Exhaust Tile & Duct Ceiling Kit is **GEAR2PERFORM**.

GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Ventilate hot air from your space through a drop ceiling, and keep temperatures down by providing cool, fresh air.

PROTECT

FR PE with FR polyvinyl chloride wear strip paired with ABS ceiling tile.

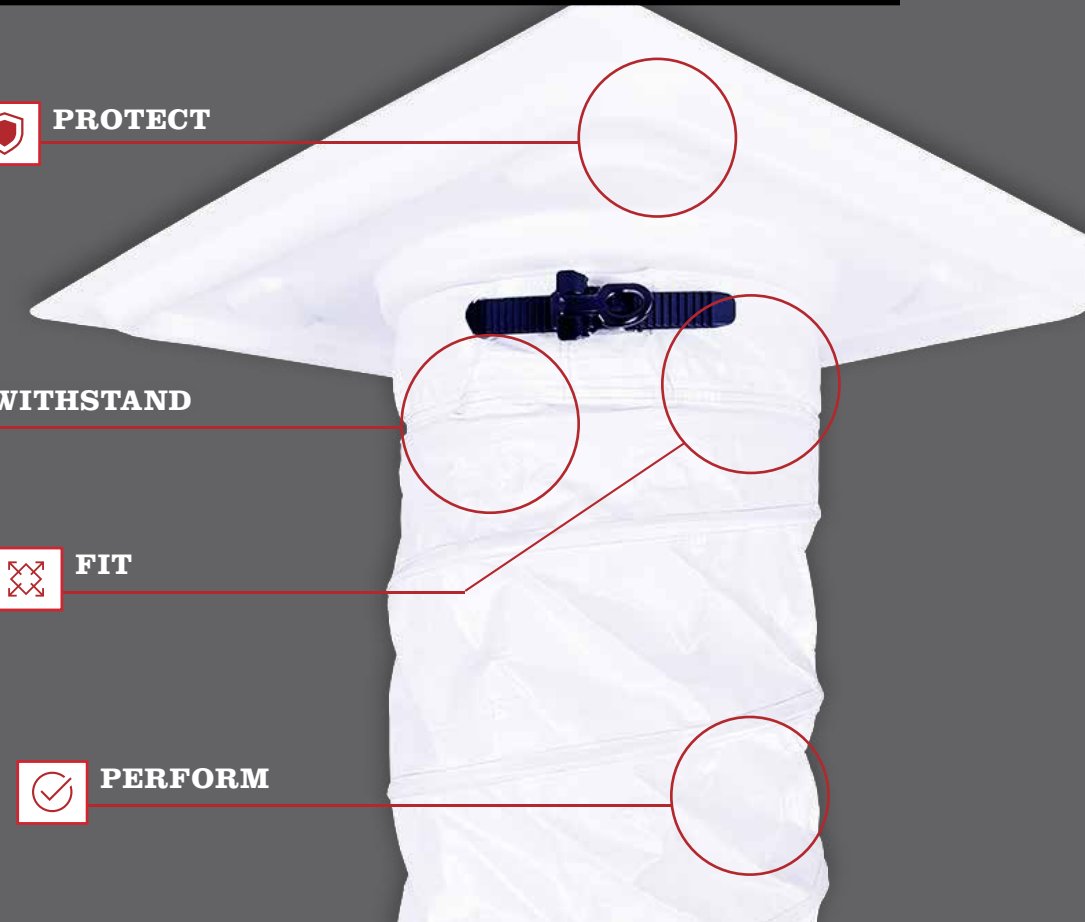
WITHSTAND

New patent-pending QuickGrip collar secures quickly and efficiently, no tools required.

FIT

The solid tube and the PE fabric's smooth finish keep air flowing at a maximum rate.

PERFORM



GEAR INFORMATION

TEMPERATURE RATING:

-22°F to 200°F (-30°C to 93°C)

CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	PRODUCT DESCRIPTION	DIAMETER	LENGTH	TILE SIZE
451168	Tile & Duct Kits	12"	8'	24" x 24" x 12"
451169	Tile & Duct Kits	16"	8'	24" x 24" x 16"
451164	AC Exhaust Duct - White	12"	8'	NA
462374	AC Exhaust Duct - White	12"	12'	NA
451165	AC Exhaust Duct - White	16"	8'	NA
462375	AC Exhaust Duct - White	16"	12'	NA
453904	Ceiling Tile (Tile Only - 4/Box)	NA	NA	24" x 24" x 12"
453908	Ceiling Tile (Tile Only - 4/Box)	NA	NA	24" x 24" x 16"

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A/C & VENTILATION ADAPTERS

DISTRIBUTE AIR WHERE IT IS NEEDED MOST.

Securely connect your portable ducting with **Norseman's A/C and Ventilation Adapters and Accessories.**

Our accessory lineup includes elbow adapters that keep air flowing through turns and corners, and Wye adapters that divert air down two different paths.

Enlargers and reducers are used to increase or decrease the diameter of your duct, enabling you to customize the ducting for almost any demand.

⚙️ SPECIFICATIONS:

- A/C and Ventilation Adapters are made with our Polyethylene (PE) fabric.
- PE fabric resists UV rays and is flame resistant, water repellent and mildew resistant.
- PE fabric is highly durable and resistant to tears.
- Adapters are available in a variety of sizes and Wye-splitter, T-splitter and elbow-bend configurations. Enlargers and reducers are also available in multiple configurations. Custom sizing available upon request.
- Sheet-metal splitters and reducers can be replaced with our lightweight fabric accessories as a cost-saving alternative.
- Easy to compress for compact storage and transport.

🔗 CONNECTION:

- Norseman's line of ducting adapters and accessories offers more flexible configurations to securely deliver the heated air your team needs to keep working.
- Custom accessories can be designed and manufactured to fit any configuration, with multiple connection options: belted-cuff, pin-lock, gear-clamp and wire-ring.

Various adapters in stock, including Wye, 90° elbow and reducer/enlarger configurations.

Norseman's A/C and Ventilation Adapters are **GEAR2PERFORM**.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Customize your airflow to distribute cool air where it is needed most.



PROTECT

PE fabric.



WITHSTAND

Wye, 90° elbow and reducer/enlarger configurations.



FIT

Adapters can be designed and manufactured to fit any configuration, with multiple connection options.



PERFORM



GEAR INFORMATION:

ITEM NUMBER	PRODUCT	DIMENSIONS	TEMPERATURE RATING	CONNECTION	COLOR
451202	Wye Adapter - AC & Ventilation Duct	12" x 12" x 12"	200°F (93°C)	3 Wire-Ring Collars	White
451203	Wye Adapter - AC & Ventilation Duct	14" x 14" x 14"	200°F (93°C)	3 Wire-Ring Collars	White
456339	Wye Adapter - AC & Ventilation Duct	16" x 12" x 12"	200°F (93°C)	3 Wire-Ring Collars	White
451204	Wye Adapter - AC & Ventilation Duct	16" x 16" x 16"	200°F (93°C)	3 Wire-Ring Collars	White
413970	Wye Adapter - AC & Ventilation Duct	20" x 12" x 12"	200°F (93°C)	3 Wire-Ring Collars	White
413921	Wye Adapter - AC & Ventilation Duct	20" x 20" x 20"	200°F (93°C)	3 Wire-Ring Collars	White
451134	Reducer/Enlarger - AC & Ventilation	10" to 12"	200°F (93°C)	Wire-Ring / Belted-Cuff Collars	White
451135	Reducer/Enlarger - AC & Ventilation	12" to 16"	200°F (93°C)	Wire-Ring Collars (Both Ends)	White
451136	Reducer/Enlarger - AC & Ventilation	16" to 20"	200°F (93°C)	Wire-Ring Collars (Both Ends)	White
451137	Reducer/Enlarger - AC & Ventilation	20" to 24"	200°F (93°C)	Belted-Cuff / Wire-Ring Collars	White
413922	Elbow Duct - AC & Ventilation	20" x 20"	200°F (93°C)	Wire-Ring Collars (Both Ends)	White

To learn more about Norseman and our gear, contact one of your local Norseman gear specialists or visit our website.

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EVENAIR DIFFUSION DUCT

REUSABLE, LIGHTWEIGHT, FLEXIBLE. DISTRIBUTE AIR WHERE IT IS NEEDED MOST.

Norseman's Evenair Diffusion Duct is reusable and ideal for moving hot or cold air through tents, longer hallways and large rooms. Made from high-strength, lightweight white Polyethylene (PE) fabric, the Evenair Diffusion Duct has 2" perforated holes in the 4 and 8 o'clock positions every 48" along the length of the duct to keep larger spaces comfortable with even, consistent airflow. This duct is versatile and can be connected to any air unit anywhere on your site with its belted-cuff/Velcro collars and optional end caps. It also includes sewn-in grommets for overhead applications.

⚙️ SPECIFICATIONS:

- Made with high-strength, lightweight, fire-retardant (FR) white PE fabric; water repellent and mold/mildew resistant.
- Perforated with 2" vent holes every 48" at the 4 and 8 o'clock positions to disperse air evenly over larger spaces.
- Sewn-in brass grommets for overhead applications.

🔗 CONNECTION:

- Belted-cuff/Velcro collars for easy connection.
- End caps also available to block off the duct run.

In-stock, ready to ship from one of our distribution locations.

Norseman's Evenair Diffusion Duct is **GEAR2PERFORM**.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Vent cooled, heated or ambient-temperature air where you need it the most, especially over long runs.



PROTECT

PE fabric with perforations for even air circulation.



WITHSTAND

Includes sewn-in grommets for overhead applications.

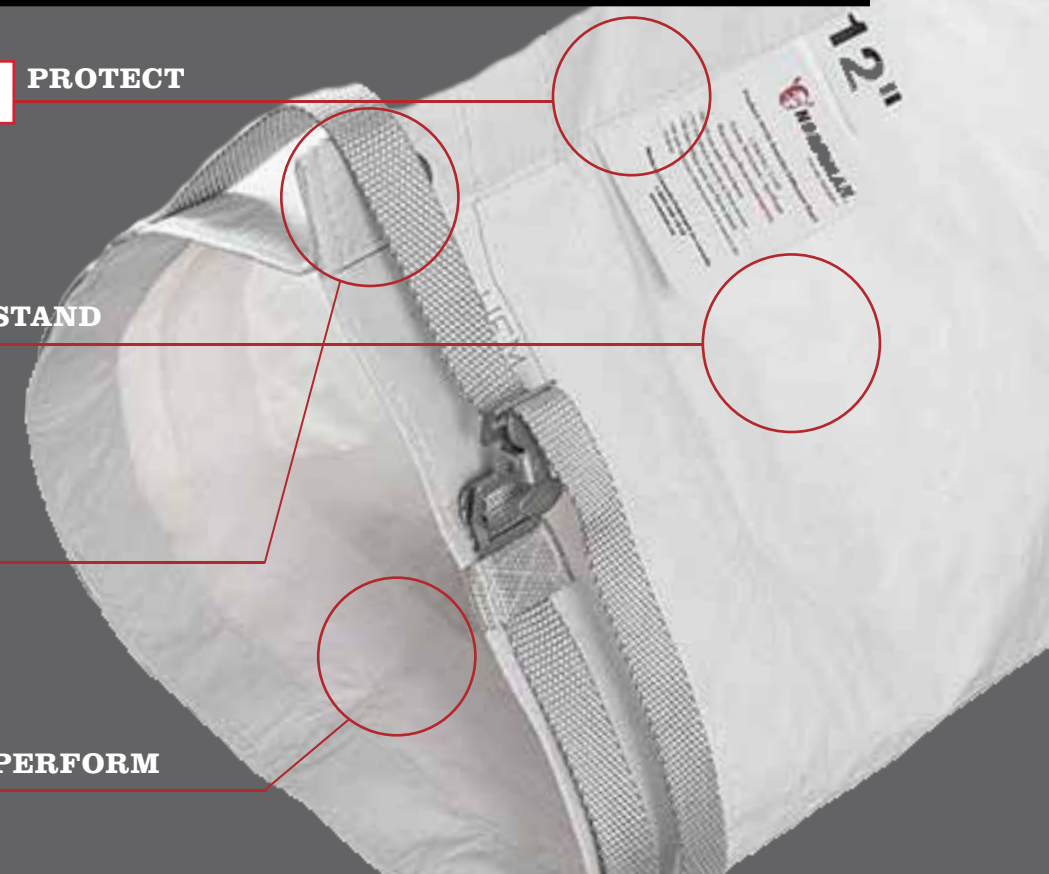


FIT

Connect to any air unit with the versatile belted-cuff/Velcro collar and optional end caps.



PERFORM



GEAR INFORMATION

📏 STANDARD SIZING:

DUCT SIZING:

- 12" x 25'
- 12" x 50'
- 16" x 25'
- 16" x 50'
- 20" x 25'
- 20" x 50'

END CAPS:

- 12"
- 16"
- 20"

🌡️ **TEMPERATURE RATING:**
-22°F to 200°F (-30°C to 93°C)

🔧 **CUSTOMIZATION:**
Custom Options Available

ITEM NUMBER	PRODUCT DESCRIPTION	DIAMETER	LENGTH
409258	Duct with Belted-Cuff / Velcro Collar	12"	25'
409259	Duct with Belted-Cuff / Velcro Collar	12"	50'
409261	PE End Cap with Velcro Collar	12"	
409264	Duct with Belted-Cuff / Velcro Collar	16"	25'
409265	Duct with Belted-Cuff / Velcro Collar	16"	50'
409266	PE End Cap with Velcro Collar	16"	
412143	Duct with Belted-Cuff / Velcro Collar	20"	25'
412144	Duct with Belted-Cuff / Velcro Collar	20"	50'
412145	PE End Cap with Velcro Collar	20"	

To learn more about Norseman and our gear, contact one of your local Norseman gear specialists or visit our website.

1.800.268.1918

NORSEMAN SOLUTIONS.COM





DISPOSABLE LAYFLAT DUCT

ECONOMICAL, DISPOSABLE CHOICE FOR TEMPORARY AIR DIFFUSION.

Norseman's Layflat Tubing Duct is versatile, lightweight, disposable tubing that can be used in both heat and A/C applications. It's manufactured with Polyethylene (PE) plastic. Our Layflat Tubing Duct is ideal for airflow in any application, such as transferring large volumes of forced air to confined areas.

The product is packaged as a roll so operators can easily cut to length, tie off the end and cut diffusion holes where they are needed.

Not designed for permanent installations.

⚙️ SPECIFICATIONS:

- Made with PE plastic; water repellent and mould/mildew resistant.
- 4 Mil thick for additional strength.
- Collapses when airflow stops.
- 500' of flat PE tubing per roll for cutting custom lengths.



GEAR POINTS:

Features specifically designed to ensure Norseman Gear outperforms on your next jobsite.

Transfer large volumes of forced air to confined areas quickly and easily.



Lightweight PE plastic with 4 Mil thickness.



Packaged as a roll to quickly cut to the length you need.



Economical and disposable option to move air in large volumes in both heat and A/C applications.



GEAR INFORMATION

📏 STANDARD SIZING

- 12" x 500' roll
- 16" x 500' roll
- 20" x 500' roll

🔧 CUSTOMIZATION:

Custom Options Available

ITEM NUMBER	COLLAR CONFIGURATION	DIAMETER	LENGTH
458182	Layflat Tubing - Disposable	Fits 12"	500'
458188	Layflat Tubing - Disposable	Fits 16"	500'
458192	Layflat Tubing - Disposable	Fits 20"	500'

In-stock, ready to ship from one of our distribution locations.

Norseman's Disposable Layflat Duct is **GEAR2PERFORM**.

To learn more about Norseman and our gear, contact one of your local Norseman gear specialists or visit our website.

1.800.268.1918

NORSEMANSOLUTIONS.COM





CUSTOMIZED PORTABLE DUCTING SOLUTIONS

FIERCELY RELIABLE™ SINCE 1921.

With four Canadian manufacturing locations specializing in protective solutions, technical design, material selection and lean manufacturing processes, Norseman is your one-stop supplier for manufacturing customized portable temporary ducting for any application, servicing all industries, including industrial, agriculture, military and government.

Norseman's Portable Ducting Solutions are manufactured in-house and can be tailored to your business requirements. Our manufacturing equipment is custom built and speeds up the process by allowing us to bulk-process fabric, wire and reinforcement assemblies. Customized options include custom ducting-pitch sizes, custom diameters ranging from 12" to 24" and a vast selection of industrial materials. If we don't have the material you're looking for, we'll find it through our network of trusted suppliers. Custom fabric and color combinations are also available; from brand-specific colors to Pantone® color-matching fabrics, our team of problem solvers can help meet your requirements.



Gear maker Denny – Ontario Manufacturing



OUR PROCESS:

Design Capabilities

- Starting by assessing your requirements, our team works closely with you to design and manufacture a custom solution to meet your business requirements. We offer our customers diverse design and prototyping, from product development and initial design to product modification and maintenance.

Fabric Selection

- Norseman has earned a reputation with our customers as "The Problem Solvers." We understand the unique properties of industrial fabrics and how they interact over a product's life cycle. We consider the application of each protective solution before we select the material. We look at the climate, worksite temperatures, protection requirements and the environment before recommending a fabric solution from our wide range of industrial materials.

Manufacturing Capabilities

- Proudly manufacturing in Canada since 1921, we are continuously innovating our fabrication practices by developing new equipment, automating processes and techniques, and integrating technology to ensure we stay ahead of our customers' need for durable, versatile protective solutions.

Custom Specifications

- **Fabric:** Norseman has a wide variety of materials to choose from, including our proprietary Arctic Hyprene™ fabric. If we don't have the fabric you're looking for, we'll custom order it for you in the appropriate Pantone®.
- **Wear Strips:** Wear strips add an extra layer of protection from wear and tear and are attached to the outside of the duct during the manufacturing process.
- **Diameter:** We offer ducting from 12" to 24" in diameter.
- **Pitch:** The pitch of the wire refers to the distance between corresponding areas on two loops in the wire. Our standard pitches are 4" (return) and 6" (supply).
Note: Tighter pitch grants more duct strength but imposes greater overall rigidity.
- **Finishing:** Ducting ends can be finished with any of our connectors: belted-cuff, wire-ring, pin-lock or our new QuickGrip end collar.

Fiercely Reliable

- What sets Norseman apart is our commitment to being Fiercely Reliable—a promise Norseman makes to our customers, employees and trusted suppliers. Fiercely Reliable means you can count on us to design, select materials, manufacture and deliver the right protective solutions for your needs, regardless of how challenging the situation might seem.



CUSTOM PORTABLE TEMPORARY DUCTING FOR MILITARY

MILITARY PORTABLE DUCTING SOLUTIONS.

Norseman has designed and fabricated a diverse range of technical fabric protective solutions for the armed forces, allies, the defence industry, commercial OEMs and a host of industrial applications. Our portable ducting gear can be trusted and relied on in the most demanding environments.



OUR PROCESS:

With coast-to-coast manufacturing capabilities servicing customers throughout North America, our expertise includes:

- Identifying and designing military environmental-control solutions used to circulate air in heating, ventilation and air conditioning (HVAC) systems.
- End-to-end customized ducting solutions that are designed to meet military-specific needs and comply with tight regulations in the defense sector.
- Manufacturing expertise in designing rugged, flexible and versatile ducting solutions that are adaptable to military requirements.
- Access to proprietary materials that maintain functionality when used in harsh environments and under extreme weather conditions, with experience in sourcing materials that are military specified.

Custom Specifications:

- **Fabric:** Custom fabric and custom color combinations are available, from brand-specific colors to Pantone® color-matching fabrics.
- **Insulation:** Non-woven insulation can be added to minimize the heat transfer between the conditioned air inside the ductwork and the ambient air.
- **Wear Strips:** Wear strips add an extra layer of protection from wear and tear and are attached to the outside of the duct during the manufacturing process.
- **Diameter:** We offer ducting from 12" to 24" in diameter.
- **Pitch:** The pitch of the duct refers to the distance between corresponding areas on two loops in the wire. Pitch can vary by application.
- **Finishing:** Ducting ends can be finished with any of our collars: belted-cuff, wire-ring, pin-lock, gear-clamp or our new QuickGrip end collar.

5P Product Development Process:

- **Produce:** Cost-effective custom protective solutions manufactured from materials we trust.
- **Prototype:** Functional prototypes for pre-production validation and verification.
- **Production:** Coast-to-coast manufacturing capabilities, with in-house integrated ERP technology and cross-border logistic resourcing that result in on-time worry-free delivery.
- **Perform:** Reliable protective solutions that help our customers outwork, outperform and overachieve.
- **People:** We are Fiercely Reliable™, working side by side with our suppliers partners and customers for 100 years.

Portable temporary ducting is a vital part of a successful environmental control solution; Norseman's customized rugged, versatile ductwork is designed to operate in the harshest environments.

From design to product development to manufacture, we're not just duct manufacturers... We're your trusted partners. Call or contact us today and get ready for your **GEAR2PERFORM**.

Canada: East – 1.877.268.1918 West – 1.877.325.5575 | United States: 1.844.667.7362





COLLAR CONFIGURATIONS

NEW | QUICKGRIP COLLAR

Our new patent-pending **QuickGrip** collar secures to any HVAC unit quickly and efficiently, no tools required. It's our most universal and secure collar option.

BENEFITS OF NORSEMAN'S NEW QUICKGRIP COLLAR:

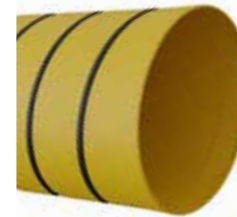
- Developed to offer the securest connection.
- Revolutionary technology; sleek, minimal one-piece design snugly wraps virtually any HVAC unit for a fast and secure connection.
- Wide-mouth buckle funnel helps you guide the ratchet collar for an ultra-fast, precise bite of your buckle that can be adjusted quickly.
- Buckles offer quicker engagement, faster tongue uptake and fewer cranks to tighten your collar, for vastly improved speed, connection and ease of use.
- Years of development in each crank of the ratchet. Crank it forward for a more secure connection.
- Quick-release technology allows for fast attachment to and release from the unit independently and without the use of tools.
- Universal collar fits virtually every HVAC unit on the market.
- Patent pending in the USA and Canada, and available only from Norseman Protective Solutions.

In-stock, ready to ship from one of our distribution locations.

Norseman's Collar Configurations are *GEAR2PERFORM*.



COLLAR CONFIGURATIONS



WIRE-RING

A wire ring is incorporated and encased into the fabric, providing a round, rigid structure to the duct opening and allowing for easy and universal duct-to-duct connectivity.



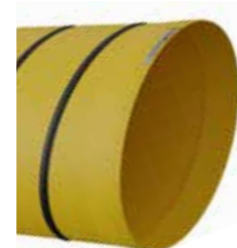
BELTED-CUFF

Fabricated using the same fabric as the portable ducting it is attached to, the belted cuff is incorporated into the duct's collar and finished with a metal spring buckle.



PIN-LOCK

A pin-lock end is a metal band collar with spring-loaded pins on one end, allowing for secure connectivity to a metal band collar with holes on the adjoining duct. The spring-loaded pins snap into the fixed holes, fastening the ducts for a secure fit.



GEAR-CLAMP

Ideal for securing ducting to portable ventilation units, our gear-clamp collars feature solid-steel construction, a quick-release handle and adjustable options for varying diameters.

Not a standard production item—available for custom ducting orders.



VELCRO

With exterior Velcro flaps that wrap around the connection point, this collar design offers operators quick and efficient fastening and better control of the connection's tightness.

Available only on our unstructured Evenair Diffusion Ducts.



100
YEARS



NORSEMANTM
PROTECTIVE SOLUTIONS
*Fiercely Reliable*TM

For over one hundred years, Norseman has been the industry expert. Product diversity and a willingness to offer customers a 'Concept to Completion' solution that exceeds their expectations is how we plan on remaining the expert. 2021 marks the celebration of 100 successful years in business for Norseman; it is also the 60th anniversary of the Bryant family owning the company. From the beginning, Norseman has established a solid reputation for producing quality products and we are proud to continue that reputation today.

On behalf of Norseman Protective Solutions, we thank you for the last one hundred successful years and look forward to sharing the next one hundred with you.



Ron Bryant

President and CEO, Norseman Group



NORSEMAN
PROTECTIVE SOLUTIONS

Fiercely Reliable™

Fiercely Reliable™ FROM COAST TO COAST



Manufacturing and
 Distribution Locations



Warehousing and
 Distribution Locations

NORSEMAN, YOUR ONE-STOP SUPPLIER OF GEAR2PERFORM.



On-Demand Supply: With warehousing space and distribution locations across North America, we can meet tight delivery requirements and supply gear year-round.



Exceptional Service: Our diverse line of protective gear and custom solutions makes us your one-stop supplier. Our Fiercely Reliable team will find a solution to fit your business.



Superior Quality: With a commitment to excellence, we ensure our gear performs to the highest standard in the most challenging conditions.



Extensive Experience: Since 1921 we have provided our customers with industry-leading industrial Fabric, Foam and Film protective solutions for many industries.

*For more information on Norseman protective gear,
 contact your local sales representative.*

PORTABLE TEMPORARY DUCTING

GEAR
PERFORM 2

1.800.268.1918

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