



# Industrial Ventilation Products



# APPLICATION CHART

	A/C Ducting	Ambient Air Movement	Conveying Applications	Dehumidification	Dust Collection	Extreme Air Temperature Ducting	Fume Control	Lawn & Garden Equipment	Material Handling (Light & Medium)	Material Handling (Medium & Heavy)	Paint & Sandblasting	Portable Heating with Moderately High Heat Content	Portable Heating with High Heat Content	Utility Blower Hose
EnviroDuct® 1399-SD	•	•	•											
EnviroDuct® 1899-HD		•		•										
EnviroDuct® High-Polish														
EnviroDuct® ValuHeat												•		
EnviroDuct® 15WK												•		
EnviroDuct® Silver Silicone						•							•	
EnviroDuct® UHT						•							•	
ThermoHose® 1095-LD	•	•		•										•
ThermoHose® 1399-SD	•	•		•										•
ThermoHose® 1899-HD		•		•										•
Black-Out Ducting (EnviroDuct® & ThermoHose®)	•													
ThermoHose® TH-1/TH-2		•	•	•	•		•	•	•		•			
Bridgehose (ThermoHose® TH-4)					•					•	•			
ThermoHose® THE-SD		•				•	•							
ThermoHose® THU-SD			•					•	•	•				
AirVent™ 1399-SD General Purpose Blower/Diffuser Tubing	•			•										
Poly Tubing/Diffuser Tubing	•	•		•										
AirVent™ 15WK Diffuser Tubing												•		
Military Specification Ducting	•	•		•		•						•	•	•
Military Performance Specification Ducting	•	•		•		•	•					•	•	•

## APPLICATIONS SYMBOLS:



Ambient Air Movement/  
Fume Removal



Dehumidification



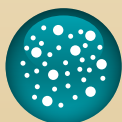
Paint & Sandblasting



Portable Heating



Portable Cooling



Material Handling/  
Dust Collection



Vacuum

## ABBREVIATION KEY:

- oz. = ounce
- yd. = yard
- mm = millimeter
- cm = centimeter
- m = meter
- oz./yd.<sup>2</sup> = ounces per square yard
- g/m<sup>2</sup> = grams per square meter
- F = Fahrenheit
- C = Celsius
- LD = Light Duty
- SD = Standard Duty
- HD = Heavy Duty

## EnviroDuct® 1399-SD/1899-HD (Insulated & Non-Insulated)

Sewn Construction PVC/Polyester Substrate with Steel Wire Helix



Portable Cooling



Ambient Air Movement



Dehumidification



### FEATURES:

- Expanded pitch allows compression up to one-seventh of its total extended length
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA 701 Method 2 specifications

### SPECIFICATIONS

Weight	1399-SD: 13 oz./yd. <sup>2</sup> (441 g/m <sup>2</sup> ); 1899-HD: 18 oz./yd. <sup>2</sup> (610 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	15', 25' (4.5, 7.5 m)	
Inside Diameter	6"-36" (150-900 mm)	
Standard Pitch	Pitch	Diameters
	3" (7.5 cm) 4" (10 cm)	6" & 7" (150 & 200 mm) 8" (200 mm) or Larger
Expanded Pitch	7" (18 cm)	12" (300 mm) or Larger
Wire	Hard-Drawn Steel	
Color	Black, Blue, Desert Tan, Kelly Green, Olive Drab, Red, White, Yellow	
Optional Wearstrip	Heavy-Duty Extruded, or Light-Duty PVC Fabric	
Optional End Finishes	Belt Cuff, Soft Cuff, Wire Rope Coupling, Screw Clamp Cuff, Zipper Cuff	

## EnviroDuct® High-Polish

Sewn Construction PVC/Polyester Substrate with Steel Wire Helix



Portable Cooling



Ambient Air Movement



Dehumidification



### FEATURES:

- High polish embossing for easy cleaning
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA 701 Method 2 specifications

### SPECIFICATIONS

Weight	14 oz./yd. <sup>2</sup> (475 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	15', 25' (4.5, 7.5 m)	
Inside Diameter	6"-36" (150-900 mm)	
Standard Pitch	Pitch	Diameters
	3" (7.5 cm) 4" (10 cm)	6" & 7" (150 & 200 mm) 8" (200 mm) or Larger
Expanded Pitch	7" (18 cm)	12" (300 mm) or Larger
Wire	Hard-Drawn Steel	
Color	White	
Optional Wearstrip	Heavy-Duty Extruded PVC	
Optional End Finishes	Belt Cuff, Soft Cuff, Wire Rope Coupling, Screw Clamp Cuff, Zipper Cuff	

## EnviroDuct® ValuHeat

Sewn Construction Thermoplastic Elastomer with Warp-Knit Backer and Steel Wire Helix



Portable Heating



### FEATURES:

- Durable fabric composition prevents odor and smoke expulsion at high temperatures
- Tear-resistant fabric
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O

### SPECIFICATIONS

Weight	11 oz./yd. <sup>2</sup> (373 g/m <sup>2</sup> )
Temperature	-65° to 350° F (-54° to 177° C) Intermittent
Length	Maximum 30' (27.5 m)
Inside Diameter	12" (300 mm), 16" (400 mm). Other diameters available upon request.
Standard Pitch	8" (20.5 cm)
Wire	Hard-Drawn Steel
Color	Charcoal Gray
Optional Wearstrip	Call for Details
Optional End Finishes	Pinlock Coupling, Belt Cuff, Wire Rope Coupling, Screw Clamp, Soft Cuff

## EnviroDuct® 15WK (Insulated & Non-Insulated)

Sewn Construction Thermoplastic Elastomer with Warp-Knit Backer and Steel Wire Helix



Portable Heating



### FEATURES:

- Used in both blowing and exhausting applications
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O

### SPECIFICATIONS

Weight	15 oz./yd. <sup>2</sup> (509 g/m <sup>2</sup> )	
Temperature	-65° to 350° F (-54° to 177° C) Intermittent	
Length	15', 25' (4.5, 7.5 m)	
Inside Diameter	6"-36" (150-900 mm). Larger diameters available upon request.	
	Pitch	Diameters
Standard Pitch	3" (7.5 cm)	6" & 7" (150 & 200 mm)
	4" (10 cm)	8" (200 mm) or Larger
Expanded Pitch	7" (18 cm)	12" (300 mm) or Larger
Wire	Hard-Drawn Steel	
Color	Black, Desert Tan, Olive Drab, White, Yellow	
Optional Wearstrip	Heavy-Duty Black (Military Spec) or White	
Optional End Finishes	Pinlock Coupling, Belt Cuff, Wire Rope Coupling, Soft Cuff	

## EnviroDuct® Silver Silicone (Insulated & Non-Insulated)

Sewn Construction Silicone Rubber-Coated Fiberglass Fabric with Steel Wire Helix



Portable Heating



### FEATURES:

- Ideal for moderate to high heat applications
- Maintains its structural integrity under temperature duress
- Superior performance at both high and low temperatures

### SPECIFICATIONS

Weight	17.5 oz./yd. <sup>2</sup> (593 g/m <sup>2</sup> )	
Temperature	-67° to 500° F (-55° to 260° C)	
Length	15', 25' (4.5, 7.5 m)	
Inside Diameter	6"-36" (150-900 mm). Larger diameters available upon request.	
	Pitch	Diameters
Standard Pitch	3" (7.5 cm)	6" & 7" (150 & 200 mm)
	4" (10 cm)	8"-36" (200-900 mm)
Expanded Pitch	6" (15 cm)	12" (300 mm) or Larger
Wire	Hard-Drawn Steel	
Color	Silver Gray	
Optional Wearstrip	Call for Details	
Standard End Finish	Soft Cuff	
Optional End Finishes	Belt Cuff, Wire Rope Coupling	

## EnviroDuct® UHT (Ultra-High Temperature)

Sewn Construction Iron-Oxide Coated Fabric on Fiberglass Substrate with Steel Wire Helix



Portable Heating



### FEATURES:

- Ideal for high heat applications
- Constructed to withstand the effects of prolonged heat subjection

### SPECIFICATIONS

Weight	24 oz./yd. <sup>2</sup> (814 g/m <sup>2</sup> )	
Temperature	-65° to 900° F (-54° to 482° C) Intermittent to 1500° F (816° C)	
Length	15', 25' (4.5, 7.5 m)	
Inside Diameter	6"-36" (150-900 mm)	
	Pitch	Diameters
Standard Pitch	3" (7.5 cm)	6" & 7" (150 & 200 mm)
	4" (10 cm)	8"-36" (200-900 mm)
Wire	Hard-Drawn Steel	
Color	Deep Red	
Standard End Finish	Soft Cuff	

## ThermoHose® 1095-LD/1399-SD/1899-HD

(Insulated & Non-Insulated)

Heat-Sealed Construction PVC/Polyester Substrate with Steel Wire Helix



Portable Cooling



Ambient Air Movement



Dehumidification



### FEATURES:

- Economical solution for a diverse array of ventilation applications
- Expanded pitch allows compression to one-sixth of its total extended length
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA 701 Method 2 specifications

### SPECIFICATIONS

Weight	1095-LD: 10 oz./yd. <sup>2</sup> (339 g/m <sup>2</sup> ) 1399-SD: 13 oz./yd. <sup>2</sup> (441 g/m <sup>2</sup> ) 1899-HD: 18 oz./yd. <sup>2</sup> (610 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	25', 50' (7.5, 15 m)	
Inside Diameter	2"-30" (50-750 mm)	
Standard Pitch	Pitch	Diameter
	1" (2.5 cm)	2" & 3" (50 & 100 mm)
	2" (5 cm)	4" & 5" (100 & 150 mm)
	3" (7.5 cm)	6" & 7" (150 & 200 mm)
Expanded Pitch	4" (10 cm)	8" (200 mm) or Larger
	6" (15 cm)	12" (300 mm) & Larger
Wire	Hard-Drawn Steel	
Color	1095-LD: White 1399-SD & 1899-HD: Yellow, White. Other colors available upon request.	
Optional Wearstrip	Heavy-Duty Extruded, Standard-Duty Extruded, or Light-Duty PVC Fabric	
Optional End Finishes	Belt Cuff, Soft Cuff, Wire Rope Coupling, Screw Clamp Cuff, Zipper Cuff	

## ThermoHose® Black-Out

Heat-Sealed Construction PVC/Polyester Substrate with Steel Wire Helix



Portable Cooling



Ambient Air Movement



Dehumidification



### FEATURES:

- High polish embossing for easy cleaning
- Expanded pitch allows compression up to one-sixth of its total extended length
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA701 Method 2 specifications

### SPECIFICATIONS:

Weight	14 oz./yd. <sup>2</sup> (475 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	25', 50' (7.5, 15 m)	
Inside Diameter	6"-36" (150-900 mm)	
Standard Pitch	Pitch	Diameter
	3" (7.5 cm)	6"-7" (150-200 mm)
Expanded Pitch	4" (10 cm)	8" (200 mm) & Larger
	6" (15 cm)	12" (300 mm) & Larger
Wire	Hard-Drawn Steel	
Color	White	
Optional Wearstrip	Heavy-Duty, Standard-Duty, and Light-Duty Extruded PVC	
Optional End Finish	Belt Cuff, Soft Cuff, Wire Rope Coupling	

## ThermoHose® TH-1 & TH-2

Heat-Sealed Construction PVC/Polyester Substrate with Steel Wire Helix



Ambient Air Movement



Material Handling/  
Dust Collection



Dehumidification



Paint &  
Sandblasting



Vacuum



### FEATURES:

- Portable, flexible, compressible design
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA701 Method 2 Specifications

### SPECIFICATIONS:

Weight	TH-1: 13 oz./yd. <sup>2</sup> (441 g/m <sup>2</sup> ) TH-2: 18 oz./yd. <sup>2</sup> (610 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	25' (7.5 m)	
Inside Diameter	2"-24" (50-600 mm)	
Standard Pitch	Pitch	Diameter
	1" (2.5 cm) 1.5" (4 cm)	2"-8" (50-200 mm) 10" (250 mm) & Larger
Wire	Hard-Drawn Steel	
Color	Black	
Standard End Finish	Plain	
Optional Wearstrip	Standard-Duty Extruded or Light-Duty PVC Fabric	

## ThermoHose® Bridgehose (TH-4)

Heat-Sealed Construction PVC/Polyester Substrate with Steel Wire Helix



Material Handling/  
Dust Collection



Paint &  
Sandblasting



### FEATURES:

- Heavy-duty construction for demanding positive and negative pressure applications
- Excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal, and NFPA701 Method 2 specifications

### SPECIFICATIONS:

Weight	13 oz./yd. <sup>2</sup> (441 g/m <sup>2</sup> ) 18 oz./yd. <sup>2</sup> (610 g/m <sup>2</sup> )	
Temperature	-20° to 180° F (-29° to 82° C)	
Length	25' (7.5 m)	
Inside Diameter	8"-24" (200-600 mm)	
Standard Pitch	1.5" (4 cm)	
Wire	Hard-Drawn Steel	
Color	Black	
Standard End Finish	Plain	
Optional Wearstrip	Heavy-Duty Fabric	

## ThermoHose® THE-SD

Heat-Sealed Construction Fabric-Reinforced Thermoplastic Elastomer with Steel Wire Helix



Ambient Air Movement



Vacuum



Material Handling/  
Dust Collection



### FEATURES:

- Versatile, all-purpose ducting
- Excellent chemical and abrasion resistance
- Low compression & tension set
- Withstands the effects of weathering, ultraviolet rays, and ozone
- Not subject to common bond failure
- Resistant to flex fatigue, oils, hydrocarbons, and aqueous-based fluids
- Flame resistant in accordance with UL94VTM-O

### SPECIFICATIONS:

Weight	15 oz./yd. <sup>2</sup> (509 g/m <sup>2</sup> )	
Temperature	-65° to 250° F (-54° to 121° C)	
Length	25', 50' (7.5, 15 m). Custom lengths available upon request.	
Inside Diameter	2"-42" (50-1,050 mm)	
	Pitch	Diameter
Standard Pitch	½" (1.5 cm)	2" (50 mm)
	¾" (2 cm)	2.5"-3" (50-100 mm)
	1" (2.5 cm)	3.5"-8" (100-200 mm)
Expanded Pitch	2" (5 cm)	10"-20" (250-500 mm)
	3" (7.5 cm)	24"-42" (600-1,050 mm)
Wire	Hard-Drawn Steel	
Color	Black	
Optional Wearstrip	Standard-Duty Extruded PVC	
Standard End Finish	Plain	
Optional End Finishes	Belt Cuff, Soft Cuff, Wire Rope Coupling (available in 6" and larger diameters)	

## ThermoHose® THU-SD

Heat-Sealed Construction Thermoplastic Urethane with Steel Wire Helix



Material Handling/  
Dust Collection



### FEATURES:

- Durable abrasion resistance
- High tensile strength
- Superior flexibility at low temperatures
- Solvent-free, odor-free
- Not subject to common bond failure
- Resistant to oil and ozone

### SPECIFICATIONS:

Thickness	25 mil	
Temperature	-65° to 280° F (-54° to 138° C)	
Length	25' (7.5 m). Custom lengths available upon request.	
Inside Diameter	2"-30" (50-750 mm)	
	Pitch	Diameter
Standard Pitch	½" (1.5 cm)	2" (50 mm)
	¾" (2 cm)	3" (100 mm)
	1" (2.5 cm)	4"-30" (100-750 mm)
Wire	Hard-Drawn Steel	
Color	Black, Clear (FDA Grade), Translucent Blue	



# Diffuser Tubing

## AirVent™ 1399-SD General Purpose Tubing / Diffuser Tubing

Layflat PVC/Polyester Substrate Tubing



Portable Cooling



Dehumidification



### FEATURES:

- Excellent UV stabilization with mold and mildew inhibitors for indoor/outdoor use
- Flame resistant in accordance with UL94VTM-O, California Fire Marshal and NFPA701 Method 2 specifications

### SPECIFICATIONS:

Weight	13 oz./yd. <sup>2</sup> (441 g/m <sup>2</sup> )
Temperature	-20° to 180° F (-29° to 82° C)
Length	25', 50', 100' (7.5, 15.5, 30.5 m). Custom lengths available upon request.
Inside Diameter	8"-72" (200-1850 mm)
Diffuser Hole Diameter	2" & 3" (5 & 7.5 cm)
Color	Yellow, White, Black
Optional End Finish	Belt Cuff, Soft Cuff, Wire Rope Coupling, End Cap

## Poly Tubing/Diffuser Tubing

Layflat 4-mil Polyethylene Tubing



Portable Cooling



Dehumidification



### FEATURES:

- Efficient, low cost means of mixing and conditioning air over large areas
- Diffuser holes can be arranged to evenly combine air and eliminate uncomfortable drafts
- Various hole patterns available to create a greater cooling effect

### SPECIFICATIONS:

Thickness	4 mil (6 mil available upon request)
Temperature	-32° to 100° F (-36° to 38° C)
Length	500' (152.5 m). Custom lengths available upon request.
Inside Diameter	12", 14", 16", 18", 20" (300, 350, 400, 450, 500 mm). Other diameters available upon request.
Diffuser Hole Diameter	2" & 3" (5 & 7.5 cm)
Color	Clear. Custom colors available upon request.

## AirVent™ 15WK Tubing / Diffuser Tubing

Layflat Thermoplastic Elastomer Tubing with Warp-Knit Backer



Portable Heating



### FEATURES:

- Excellent UV stabilization with mold and mildew inhibitors for use in a variety of indoor/outdoor environments
- Flame resistant in accordance with UL94VTM-O
- Diffuser holes can be arranged to evenly combine air and eliminate uncomfortable drafts

### SPECIFICATIONS:

Weight	15 oz./yd. <sup>2</sup> (509 g/m <sup>2</sup> )
Temperature	-65° to 350° F (-54° to 177° C) Intermittent
Length	25', 50', 100' (7.5, 15.5, 30.5 m)
Inside Diameter	8"-36" (200-900 mm)
Diffuser Hole Diameter	2" & 3" (5 & 7.5 cm)
Color	Black, Desert Tan, Olive Drab, White, Yellow

# Military

SAE-AS38386 & PERFORMANCE SPECIFICATION DUCTING

## Military Specification Ducting



Ambient Air Movement



Portable A/C Ducting



ABC Industries, Inc. is proud to offer SAE-AS38386 (aerospace) military specification ducting for the defense industry that has been tested, passed, and **certified** for both **high** and **low pressure** applications. The material features excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use. Engineered for blowing and exhausting applications, ABC's mil spec ducting is available in 8", 12", and 16" (200, 300, and 400 mm) diameters.

## Military Performance Specification Ducting



Ambient Air Movement



Material Handling/  
Dust Collection



Dehumidification



Portable Heating



Portable A/C Ducting



To address the diverse ventilation demands of the worldwide military market, ABC Industries, Inc. offers military performance specification ducting that meets or exceeds SAE-AS7365 (ground heating), SAE-AS38386 (aerospace), and MIL-H-18158E (shipboard ventilation) requirements. Applications for ABC's performance spec ducting include:

- ECUs (Environmental Control Units) for Heating and Cooling
- Jet/Airplane Heating and Cooling Applications
- Equipment and Environmental Dehumidification

The material features excellent UV stabilization with mold and mildew inhibitors for rigorous outdoor use. Standard colors include black, desert tan, olive drab, and yellow. The ducting is available in a variety of fabric weights, lengths, diameters, and temperature ratings to meet the precise requirements of each application.

# End Finishes

*For use with EnviroDuct<sup>®</sup>, AirVent<sup>™</sup> and ThermoHose<sup>®</sup> products.*

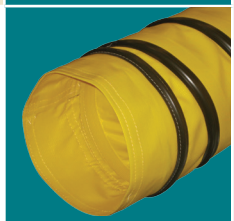
## BELT CUFF

Belt cuffs are fabricated using 1" (25 mm) polyester webbing and finished with nickel-plated buckles.



## SOFT CUFF

The soft cuff is comprised of a double layer of appropriate fabric that is attached to a standard ducting end. This additional fabric provides extra coupling flexibility for a variety of attachments.



## VELCRO CUFF

The Velcro<sup>®</sup> cuff features exterior flaps on the male end that wrap around the ducting connection point and secure with hook and loop to the female end. The improved design offers operators easier fastening and better control of a connection's tightness.



## SCREW CLAMP CUFF

Screw clamp cuffs are ideal for securing ducting to heaters, blowers, A/C, or dehumidification units without the hassle of attaching an exterior clamp. Featuring a sewn-in, stainless steel clamp, the ducting is secured by screwing the hardware to the desired tightness.



## ZIPPER CUFF

Zipper cuffs are manufactured by sewing one side of a zipper assembly to the first duct at a connection point. The cuff on the second duct contains the coordinating zipper teeth to form a secure union. Velcro<sup>®</sup> adds a second layer of protection against unwanted dust and debris at ducting connection points. The resulting connection features an overlapping female entry and male exit.



## WIRE ROPE COUPLING

Wire rope couplings join ducting sections by inserting one ducting section with the wire rope coupling into another with the same coupling. This union provides a secure fit and extended service life. The wire rope coupling may be used in conjunction with a multi-clip and is available in 6" (150 mm) or larger sizes.



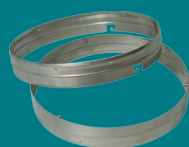
# Clamps & Couplings

For use with EnviroDuct®, AirVent™ and ThermoHose® products.



## FLAT BAND CLAMP

Flat band clamps are ideal for securing ducting to portable ventilation units or metal tubing. Features include a zinc-coated steel construction, quick-release handle, and three adjustments for varying diameters. Standard diameters range from 8" to 48" (200 to 1,200 mm). Larger diameters are available upon request.



## J-SLOT COUPLING

The stainless steel J-slot coupling is applied to ducting by fastening rivets to the ducting fabric. A connection is made when the female J-slot coupling from one duct is joined with another duct containing the coordinating male pin coupling. The two pieces are secured by inserting the pin into the "J" shaped opening and turning to lock in place. The J-slot coupling is available in 8" to 30" (200 to 750 mm) diameters with larger diameters available upon request.



## PINLOCK COUPLING

The steel pinlock coupling joins two pieces of ducting by inserting the "pin" male coupling from one duct into the "hole" female coupling on the adjoining duct. The spring-loaded pin "snaps" into the fixed holes, fastening the ducting. Each coupling piece is secured to its respective ducting with a screw clamp. The pinlock coupling is available in diameters from 8" to 30" (200 to 750 mm).



# Clamps & Couplings

## SCREW CLAMP

Screw Clamps are constructed of stainless steel and are used to attach ducting to select accessories. Sizes range from 2.5" to 56" (50 to 1,400 mm).



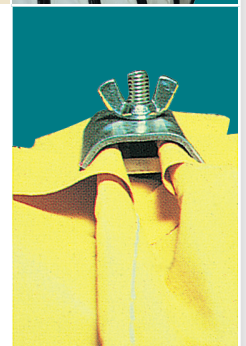
## STAINLESS STEEL OR ALUMINUM SLEEVES

Stainless steel or aluminum sleeves are ideal for joining ducting sections that need a durable, uniform connection. The sleeves may be used in conjunction with a flat band clamp or screw clamp and are available in 4" to 30" (100 to 750 mm) diameters.



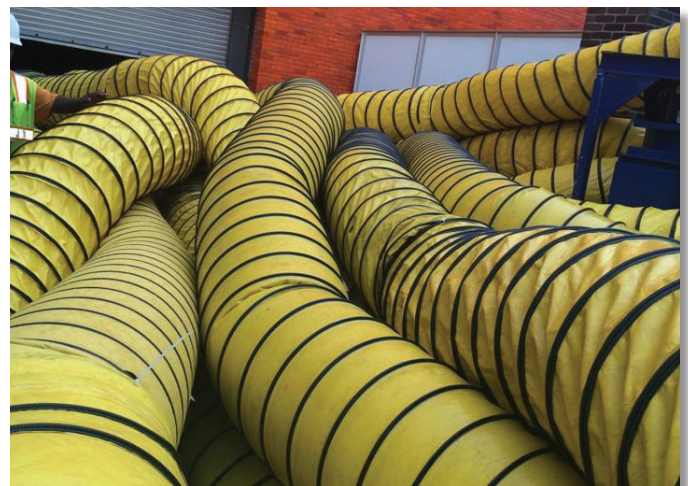
## MULTI-CLIP

The multi-clip provides a secure connection between adjacent ducting sections that utilize wire rope couplings at connection points. Multi-clips are tightened and secured with wing nut screws that can be loose or sewn into wire rope couplings.



### Recommended Number of Multi-clips per Diameter

DUCTING DIAMETER	MULTI-CLIPS
Up to 36" (900 mm)	3
38" to 40" (950 to 1,000 mm)	5
42" to 48" (1,050 to 1,200 mm)	6



# Ceiling Panel Kit

## Ceiling Panel Kit

For use with portable A/C units



Portable Cooling



### FEATURES:

- Vacuum formed for consistency
- Reusable and easy to clean
- Durable, flexible panel makes for simple installation
- No sharp corners

### SPECIFICATIONS:

Dimensions	24" x 24" (61 x 61 cm)
Construction	ABS Plastic
Hole Diameter	10", 12", 14", 16", 18", 20" (25, 30.5, 35.5, 40.5, 45.5, 51 cm)
Color	White



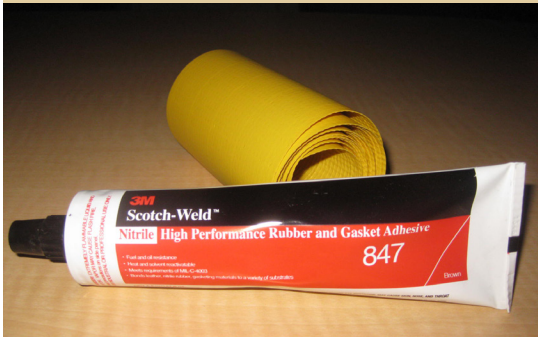
### **KIT INCLUDES:**

- 1 - Ceiling panel
- 1 - Duct
- 2 - Nylon zip ties  
*(4 zip ties included in 20" (51 cm) diameter kit)*

Ceiling panels are also available for individual purchase.

# Repair Kits & Suspension Hooks

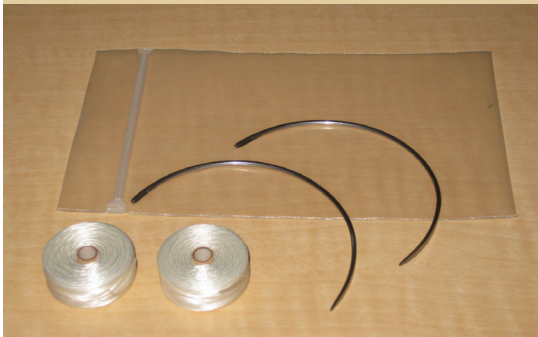
## Adhesive Repair Kit



### KIT INCLUDES:

- 5 oz. (150 ml) PVC Cement
- 5 yds. (4.5 m) of VentaTex® Fabric

## Sewing Repair Kit

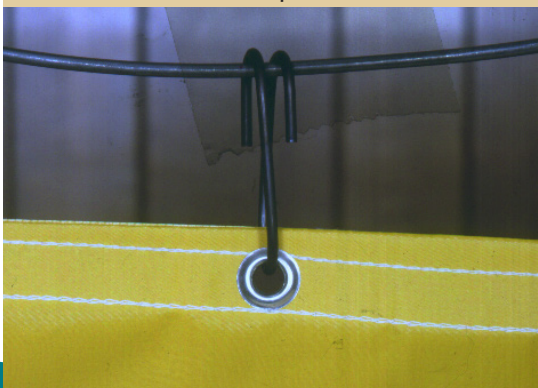


### KIT INCLUDES:

- 2 - 5" (12.5 cm) Curved Needles
- 2 - Ready-wound bobbins (thread)

## A-3 Suspension Hooks

For use with AirVent™ products



Double-locking A-3 suspension hooks are looped through grommets on the suspension seam and hang from a messenger wire. Recommended spacing is one hook every 2' (.5 m).

# Chemical Resistance Chart

This chart should only serve as a general guide. Ratings are based on published literature from industry suppliers and manufacturers. We cannot guarantee the accuracy of these calculations or assume responsibility for use thereof. ABC Industries, Inc. recommends further testing for each specific application.

CHEMICALS	RATINGS
THU - Thermoplastic Urethane	G = Good
THE - Thermoplastic Elastomer	F = Fair
THP - Polyvinylchloride (PVC)	P = Poor
	ND = No Data

CHEMICAL	THU	THE	THP
Acetaldehyde	P	ND	P
Acetamide	ND	ND	P
Acetate Solvents	ND	ND	P
Acetic Acid, Glacial	G	ND	ND
Acetic Acid, 30%	ND	ND	G
Acetic Acid, 50%	ND	ND	G
Acetic Anhydride	P	ND	F
Acetone	P	ND	ND
Acetonitrile	ND	ND	P
Acetyl Acetone	ND	P	P
Acetylene	ND	ND	G
Acrylonitrile	ND	ND	P
Alcohol, Butyl	ND	ND	F
Alcohol, Isopropyl	ND	ND	G
Alcohol, Methyl	ND	ND	G
Allyl Chloride	ND	ND	P
Aluminum Acetate	ND	ND	G
Aluminum Chloride	G	ND	ND
Aluminum Nitrate	ND	ND	G
Aluminum Phosphate	ND	ND	G
Aluminum Sulfate	ND	ND	G
Ammonia, Aqueous	ND	ND	G
Ammonia, Liquid	ND	ND	P
Ammonium Carbonate	ND	ND	G
Ammonium Hydroxide	G	ND	G
Ammonium Metaphosphate	ND	ND	G
Ammonium Nitrate	F	ND	G
Ammonium Nitrite	ND	ND	G
Ammonium Phosphate	G	ND	G
Ammonium Sulfate	G	ND	G
Ammonium Thiocyanate	ND	ND	G
Amyl Acetate	ND	ND	P
Aniline	ND	ND	F
Aniline Dyes	G	ND	G
Aniline Hydrochloride	ND	ND	P
Animal Fats	G	ND	G
Anthraquinone	ND	ND	G
Aqua Regia	ND	ND	F
Aromatic Hydrocarbons	ND	ND	P
Arsenic Acid	ND	ND	G
Astm Reference Fuel A	ND	ND	P
Astm Reference Fuel B	ND	ND	P
Astm Reference Fuel C	ND	ND	P
Barium Chloride	G	ND	G
Barium Hydroxide	G	ND	G
Barium Sulfate	ND	ND	G
Barium Sulfide	G	ND	G
Benzaldehyde	ND	ND	F
Benzene	P	ND	P
Benzoic Acid	ND	ND	G
Bismuth Carbonate	ND	ND	G

CHEMICAL	THU	THE	THP
Borax	G	ND	G
Boric Acid	G	ND	G
Brine	G	ND	G
Bromine	ND	ND	F
Bromo Benzene	ND	ND	P
Butadiene	ND	ND	G
Butane	G	ND	G
Butanol, Primary	ND	ND	G
Butraldehyde	F	ND	ND
Butyl Acetate	P	ND	P
Butyl Ether	ND	ND	G
Butyl Phenol	ND	ND	P
Butyl Stearate	ND	ND	G
Butylene	ND	ND	G
Calcium Bisulfate	ND	ND	G
Calcium Bisulfite	F	ND	G
Calcium Carbonate	ND	ND	G
Calcium Chloride	G	ND	G
Calcium Hydroxide	G	ND	G
Calcium Hypochlorite	G	ND	G
Calcium Nitrate	G	ND	G
Calcium Sulfate	ND	ND	G
Calcium Sulfide	G	ND	G
Carbitol	ND	ND	F
Carbolic Acid	ND	ND	P
Carbon Bisulfide	P	ND	P
Carbon Dioxide	G	ND	G
Carbon Monoxide	G	ND	G
Carbon Tetrachloride	P	ND	P
Carbon Tetrafluoride	ND	ND	P
Carbonic Acid	ND	ND	G
Caustic Potash	ND	ND	G
Caustic Soda	ND	ND	G
Cellosolve	NN	ND	G
Cellulube	ND	ND	P
Chlorine Gas, Dry	ND	ND	G
Chlorine Gas, Wet	ND	ND	P
Chlorine Water, Saturated	ND	ND	G
Chloroprene	ND	ND	P
Chlorothene	ND	ND	F
Chromic Acid	P	ND	ND
Citric Acid	G	ND	G
Copper Chloride	G	ND	G
Copper Cyanide	ND	ND	G
Copper Nitrate	ND	ND	G
Copper Sulfate	G	ND	G
Cottonseed Oil	G	ND	G
Cresylic Acid	P	ND	P
Crotonaldehyde	ND	ND	G
Cyclohexane	G	ND	P
Cyclohexanol	ND	ND	P

CHEMICAL	THU	THE	THP
Cyclohexanone	ND	P	P
Dibenzyl Ether	ND	ND	P
Dibutyl Phthalate	ND	ND	P
Dibutyl Sebacate	ND	ND	F
Dichlorobenzene	ND	ND	P
Dichloroethylene	ND	ND	P
Dichloromethane	ND	ND	P
Diethylether	ND	ND	P
Diethylene Glycol	ND	ND	G
Diethylene Glycol-Monobutyl Ether	ND	ND	F
Diglycolic Acid	ND	ND	G
Dimethylamine	ND	ND	P
Dimethylamline	ND	ND	P
Dimethylformamide	ND	ND	P
Dimethylphthalate	ND	ND	F
Dioctylphthalate	ND	ND	P
Dioxane	ND	ND	P
Diphenyl	ND	ND	P
Diphenyl Oxide	ND	ND	P
Epichlorohydrin	ND	ND	P
Ethanol Amine	ND	ND	F
Ethyl Acetate	P	ND	P
Ethyl Acrylate	ND	ND	P
Ethyl Alcohol	F	P	G
Ethyl Benzene	ND	ND	P
Ethyl Cellulose	F	ND	ND
Ethyl Chloride	ND	ND	P
Ethyl Dichloride	ND	ND	P
Ethyl Ether	ND	ND	P
Ethylene Chloride	ND	ND	P
Ethylene Chlorohydrine	ND	ND	P
Ethylene Diamine	ND	ND	P
Ethylene Dichloride	ND	ND	P
Ethylene Glycol	G	G	GP
Ethylene Oxide	ND	ND	G
Fatty Acids	G	ND	G
Ferric Chloride	G	ND	G
Ferric Sulfate	ND	ND	G
Ferrous Chloride	ND	ND	G
Ferrous Sulfate	ND	ND	G
Fluorine Gas, Wet	ND	ND	G
Formaldehyde	P	ND	G
Formamide	ND	G	P
Formic Acid	P	ND	ND
Freon 11	F	ND	ND
Freon 113	G	ND	ND
Freon 12	G	ND	ND
Fuel Oil	G	ND	G
Furan	ND	ND	G
Furfural	ND	ND	P
Gallic Acid	ND	ND	G



CHEMICAL	THU	THE	THP
Gasoline	G	ND	P
Glucose	G	ND	G
Glycerine	G	ND	G
Glycol	G	ND	G
Glycolic Acid	ND	ND	G
Heptane	ND	ND	F
Hexane	ND	P	G
Hexanol	ND	ND	G
Hydraulic Oil	F	ND	ND
Hydroquinone	ND	ND	G
Hydrochloric Acid, 10%	ND	ND	G
Hydrocyanic Acid	ND	ND	G
Hydrofluoric Acid, 10%	ND	ND	G
Hydrofluoric Acid, 75%	ND	ND	F
Hydrogen	ND	ND	G
Hydrogen Cyanide	ND	ND	G
Hydrogen Peroxide, 10%	ND	ND	G
Hydrogen Peroxide, 30%	ND	ND	G
Hydrogen Sulfide, Aqueous	ND	ND	G
Hydroxylaminesulfate	ND	ND	G
Isooctane	ND	ND	G
Isopropyl Acetate	P	ND	F
Isopropyl Benzene	ND	ND	P
Isopropyl Ether	ND	ND	F
Kerosene	G	ND	G
Ketones	ND	ND	P
Lacquers	P	ND	ND
Lead Acetate	ND	ND	G
Lead Arsenate	ND	ND	G
Linolic Acid	G	ND	G
Linseed Oil	F	ND	G
Lubricating Oils	G	ND	ND
Magnesium Chloride	G	ND	G
Magnesium Hydroxide	G	ND	ND
Magnesium Sulfate	G	ND	G
Maleic Acid	ND	ND	G
Mercuric Chloride	ND	ND	G
Mercurous Nitrate	ND	ND	G
Mercury	G	ND	G
Mesityl Oxide	ND	ND	P
Methane	ND	ND	G
Methanol	ND	ND	G
Methyl Acetate	ND	ND	G
Methyl Acrylate	ND	ND	P
Methyl Bromide	ND	ND	P
Methyl Butyl Ketone	G	ND	ND
Methyl Chloride	ND	ND	P
Methyl Ethyl Ketone	F	P	P
Methyl Isobutyl Ketone	ND	ND	P
Methylene Chloride	ND	ND	P
Mineral Oils	G	P	G
Naphtha	F	ND	F
Naphthalene	G	ND	P
Natural Gas	ND	ND	G
Nickel Acetate	ND	ND	G
Nickel Chloride	G	ND	G
Nickel Sulfate	G	ND	G
Nitric Acid, 10%	ND	ND	G
Nitric Acid, 25%	ND	ND	G
Nitric Acid, 40%	ND	ND	G
Nitric Acid, 50%	ND	ND	F
Nitric Acid, 60%	ND	ND	F

CHEMICAL	THU	THE	THP
Nitric Acid, 70%	ND	ND	P
Nitric Acid, Dilute	P	ND	ND
Nitrobenzene	ND	ND	P
Nitrous Oxide	ND	ND	G
Octanol	ND	ND	P
Oleic Acid	G	ND	G
Oleum	ND	ND	P
Olive Oil	G	ND	G
Oxalic Acid	G	ND	G
Ozone	G	ND	G
Palmitic Acid	G	ND	G
Pentane	ND	ND	G
Peracetic Acid	ND	ND	P
Perchloric Acid	P	ND	F
Perechloroethylene	ND	ND	F
Phenol	F	ND	P
Phosphoric Acid, 20%	G	ND	ND
Phosphoric Acid, 45%	G	ND	ND
Phosphoric Acid, 50%	ND	ND	G
Phosphoric Acid, 85%	ND	ND	G
Phosphorus Oxychloride	ND	ND	P
Picric Acid	ND	ND	P
Pine Oil	G	ND	F
Potassium Acetate	ND	ND	G
Potassium Bicarbonate	ND	ND	G
Potassium Bichromate	ND	ND	G
Potassium Bisulfate	ND	ND	G
Potassium Borate	ND	ND	G
Potassium Bromate	ND	ND	G
Potassium Bromide	ND	ND	G
Potassium Carbonate	ND	ND	G
Potassium Chlorate	ND	ND	G
Potassium Chloride	G	ND	G
Potassium Chromate	ND	ND	G
Potassium Cyanide	ND	ND	G
Potassium Dichromate	ND	ND	G
Potassium Hydroxide	G	ND	G
Potassium Hypochlorite	ND	ND	G
Potassium Nitrate	G	ND	G
Potassium Permanganate	ND	ND	G
Potassium Persulfate	ND	ND	G
Potassium Sulfate	G	ND	G
Potassium Sulfite	ND	ND	G
Propane	ND	ND	G
Propylene Dichloride	ND	ND	P
Propylene Glycol	ND	P	F
Prussic Acid	ND	ND	G
Pyranol	ND	ND	F
Pyridine	ND	ND	P
Salicylic Acid	ND	ND	G
Salt/Sea Water	G	ND	G
Sewage	G	ND	G
Silicone Oils & Greases	G	ND	G
Silver Nitrate	ND	ND	G
Soap Solutions	G	ND	G
Sodium Acetate	ND	ND	G
Sodium Benzoate	ND	ND	G
Sodium Bicarbonate	G	ND	G
Sodium Bisulfate	ND	ND	G
Sodium Bisulfite	ND	ND	G
Sodium Borate	ND	ND	G
Sodium Bromide	ND	ND	G

CHEMICAL	THU	THE	THP
Sodium Carbonate	ND	ND	G
Sodium Chlorate	ND	ND	G
Sodium Chloride	G	ND	G
Sodium Cyanide	ND	ND	G
Sodium Dichromate	ND	ND	G
Sodium Fluoride	ND	ND	G
Sodium Hydroxide, 50%	ND	ND	G
Sodium Metaphosphate	ND	ND	G
Sodium Nitrate	G	ND	G
Sodium Perborate	G	ND	G
Sodium Peroxide	G	ND	G
Sodium Phosphate	G	ND	G
Sodium Silicate	G	ND	G
Sodium Sulfate	G	ND	G
Sodium Sulfide	ND	ND	G
Sodium Sulfite	ND	ND	G
Sodium Thiosulfate	G	ND	G
Soybean Oil	G	ND	G
Starch	ND	ND	G
Stearic Acid	G	ND	G
Sulfur	G	ND	G
Sulfur Dioxide, Dry	ND	ND	G
Sulfur Dioxide, Wet	ND	ND	P
Sulfur Trioxide	ND	ND	G
Sulfuric Acid, 10%	ND	ND	G
Sulfuric Acid, 30%	ND	ND	G
Sulfuric Acid, 50%	ND	ND	G
Sulfuric Acid, 60%	ND	ND	G
Sulfuric Acid, 75%	ND	ND	G
Sulfuric Acid, 90%	ND	ND	F
Sulfuric Acid, Dilute	G	ND	ND
Sulfurous Acid	F	ND	G
Sulfurous Acid, 10%	ND	ND	G
Sulfurous Acid, 10% To 75%	ND	ND	F
Tallow	ND	ND	G
Tannic Acid	G	ND	G
Tartaric Acid	G	ND	G
Tetrachloroethylene	P	ND	P
Tetrahydrofuran	ND	ND	P
Thionyl Chloride	ND	ND	P
Toluene	F	P	P
Transformer Oil	G	ND	F
Tributyl Phosphate	ND	ND	P
Trichloroethane	P	P	F
Trichloroethylene	P	ND	P
Tricresyl Phosphate	F	ND	P
Triethanolamine	ND	ND	P
Triethylamine	ND	ND	G
Trisodium Phosphate	G	ND	G
Tung Oil	G	ND	F
Turpentine	P	ND	P
Urea	ND	ND	G
Varnish	ND	ND	P
Vinegar	G	ND	G
Vinyl Acetate	ND	ND	P
Vinyl Chloride	ND	ND	P
Water	G	ND	G
Xylene	P	P	P
Zinc Chloride	G	ND	G
Zinc Sulfate	G	ND	G

# Standard Warranty

ABC INDUSTRIES, INC.

## PURCHASE ORDER ACKNOWLEDGEMENT TERMS AND CONDITIONS

1. **PURCHASE ORDER ACKNOWLEDGEMENT TERMS CONTROL.** By this Purchase Order Acknowledgement ("Purchase Order Acknowledgement"), Manufacturer confirms to purchaser ("Purchaser") Manufacturer's acceptance of Purchaser's separate offer to purchase Products ("Products") from Manufacturer on the terms and conditions hereof, which shall control and prevail over any contrary terms in Purchaser's purchase order. This Purchase Order Acknowledgement is for delivery to Purchaser's carrier, F.O.B. Manufacturer's plant or other point or points of delivery designated by Manufacturer, and shall be on the terms and conditions herein specified. Orders for Product not acknowledged on Manufacturer's Purchase Order Acknowledgement form shall be ineffective, null and void.
2. **CONFIRMATION.** Manufacturer shall, within thirty (30) days of the receipt of Purchaser's purchase order, either confirm in writing on this Purchase Order Acknowledgement form its acceptance thereof, or else send its written non-acceptance thereof on Manufacturer's letterhead. In the event that Purchaser's order is accepted by Manufacturer, this Manufacturer's Purchase Order Acknowledgement form shall set forth the approximate date of delivery.
3. **CANCELLATION CHARGES.** Any order that is accepted by manufacturer, and later cancelled or changed by Purchaser, will be subject to a cancellation charge regardless of the order status. The cancellation charge will be based on the work completed, including office and engineering time incurred prior to the cancellation or change notice, and the raw materials used and/or purchased for the cancelled or changed order, plus a reasonable allowance for overhead and profit.
4. **TERMS OF PAYMENT.** A 2% discount is allowed on invoice (for materials only), if payment is postmarked no later than 15 days from date of Manufacturer's invoice. Any discount taken beyond this 15-day limitation will be carried as a balance owing and may result in revocation of this discount privilege. Net amount is due 30 days from date of invoice.
5. **PAYMENT ASSURANCE.** If Purchaser fails to comply with terms of payment of sale (2% discount on materials only if paid within 15 days from date of Manufacturer's invoice; net due 30 days after date of invoice), or if Purchaser's financial responsibility becomes impaired or unsatisfactory to Manufacturer, Manufacturer reserves the right to withhold further deliveries on partially filled orders and/or to require payment in advance or satisfactory security or guarantee that invoices will be paid when due. Purchaser shall accept and pay for partial shipments and any additional materials required which were not part of Manufacturer's original quotation, order, or shipment.
6. **INTEREST, ATTORNEY'S FEES, COSTS OF COLLECTION.** Interest will be charged at the rate of 1.50% per month (18% annually) on past-due accounts. Purchaser shall pay all costs incidental to the preparation, filing and prosecution of liens, notices of claims, and similar costs of collection. In the event that any obligations covered by these Purchase Order Terms and Conditions are referred to an attorney for any reason, Purchaser shall be liable to pay any and all attorney's fees, including fees and costs in both trial and appellate courts, or fees incurred without suit, and all expenses and all court costs, including, without limitation, all costs of a collection agency.
7. **CREDIT APPROVAL.** All orders are subject to approval of credit by manufacturer.
8. **ADDITIONAL TRANSPORTATION CHARGES.** Manufacturer shall not be responsible for spotting, switching, demurrage or other transportation charges unless agreed to in writing.
9. **SHIPMENT DATES.** Shipment or delivery dates are the best estimates of Manufacturer's production departments

and are computed from the time of receipt of order by Manufacturer's production facilities. Manufacturer shall not be liable to Purchaser or any customer of Purchaser for any injuries or damages, including loss of commissions resulting from failure or delay of delivery of any order. Manufacturer will make reasonable efforts to deliver in accordance with orders it accepts, but shipping dates requested by customer or Purchaser and/or confirmed by Manufacturer shall be considered to be estimates only.

10. **FORCE MAJEURE.** Manufacturer shall arrange reasonably prompt shipment of Products, F.O.B. the point or points of delivery designated by Manufacturer, pursuant to terms hereof; provided, however, that Manufacturer shall not be responsible for delays in deliveries due to fire, flood, tornado, earthquake, war, riot, insurrection, strike, lockout, slowdown, epidemic, quarantine restriction, delay in transportation, car shortage, labor shortage, materials shortage, manufacturing facility shortage, accident at Manufacturer's plant, boycott, embargo or any act or regulation of government or governmental authority (including, without limitation, preference, allocation or priority systems for government), force majeure and other contingencies beyond Manufacturer's control resulting in impossibility of performance of Manufacturer's duties and obligations hereunder.
11. **RISK OF LOSS.** Risk of loss of, damage to and title to Products shall pass upon delivery thereof to Purchaser's carrier, F.O.B. Manufacturer's plant or other point or points of delivery designated by Manufacturer as provided in this Purchase Order Acknowledgement. Upon receipt of shipment, it shall be the responsibility of Purchaser or the consignee receiving shipment to check materials and secure written acknowledgement from the delivering carrier for any shortages, loss or damage. Notification of such shortages, loss or damage must also be made in writing to Manufacturer.
12. **RETURNS.** No materials or Products may be returned without the written approval of Manufacturer. All material returned with such approval must be returned freight pre-paid. All returned materials will be subject to a 25% restocking charge and must be returned in reusable condition, such condition to be determined by Manufacturer.
13. **LIMITED AND CONDITIONAL WARRANTY, DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES AND LIABILITY.**

(i) **LIMITED AND CONDITIONAL WARRANTY.**

Manufacturer warrants to the original retail Purchaser or the original end user Purchaser that the Products supplied hereunder shall be free from defects in material and workmanship. Manufacturer shall repair or replace, F.O.B. its selected factory location in the United States of America, any part or parts of Products defective in workmanship or material, which are returned to its specified plant location in the United States of America, freight prepaid, within six months from the date of delivery to Purchaser.

(ii) **CONDITIONS OF WARRANTY.**

- (a) Repair or replacement will be at the option of Manufacturer.
- (b) Manufacturer's repair or replacement hereunder shall be exclusive of any removal, installation, freight or insurance costs.
- (c) Any request for repair or replacement hereunder must be directed to Manufacturer at the following address:

P.O. Box 77  
Warsaw, IN 46581-0077  
U.S.A.

Manufacturer will not accept shipments of any parts or Products unless it has provided prior written authorization and a Returns Goods Authorization Number.

- (d) This Limited and Conditional Warranty is conditioned upon operation of Products in accordance with generally approved industry practice, and in accordance with conditions of service and operating instructions specified by Manufacturer, including proper installation and maintenance of Products, and prompt notice of non-conformity of Products.
- (e) Excluded from Manufacturer's obligations for repair or replacement hereunder are repairs or replacements required as a result of wear and tear of Products, abrasion, erosion, corrosion, effects of heat, external forces, or other conditions of service beyond the control of Manufacturer.
- (f) Purchasers which are Manufacturer's representatives may pass Manufacturer's standard Limited and Conditional Warranty on to end user purchasers of Manufacturer's Products, but such Purchasers may make no additional or other warranty on behalf of Manufacturer.

(iii) **DISCLAIMER OF WARRANTIES.** THE LIMITED AND CONDITIONAL WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ANY AND ALL REPRESENTATIONS, SPECIFICATIONS, WARRANTIES AND REMEDIES, EITHER EXPRESS OR IMPLIED, HEREIN OR ELSEWHERE, OR WHICH MIGHT ARISE UNDER LAW OR EQUITY, OR PURSUANT TO ANY COURSE OF DEALING OR CUSTOM OR USAGE OF TRADE, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR ANY SPECIFIED OR INTENDED PURPOSE.

(iv) **LIMITATION OF REMEDIES AND LIABILITY.** PURCHASER'S SOLE AND EXCLUSIVE REMEDY AGAINST MANUFACTURER SHALL BE THE REMEDY OF DEFECTS IN MATERIALS AND WORKMANSHIP OF ANY PART OR PARTS OF PRODUCTS DELIVERED HEREUNDER AS PROVIDED BY, AND WITHIN THE TIME PERIOD SPECIFIED IN, MANUFACTURER'S LIMITED AND CONDITIONAL WARRANTY SET FORTH ABOVE. MANUFACTURER'S LIMITED AND CONDITIONAL WARRANTY CONSTITUTES THE SOLE REMEDY OF PURCHASER WITH RESPECT TO OR ARISING OUT OF THE EQUIPMENT, PRODUCTS OR SERVICES OF MANUFACTURER, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE AND STRICT LIABILITY), OR OTHERWISE. NOTWITHSTANDING ANY OTHER PROVISIONS HEREOF, IN NO EVENT SHALL MANUFACTURER, OR ITS SUBCONTRACTORS OR SUPPLIERS, BE LIABLE, WHETHER ARISING UNDER PERFORMANCE OF THE CONTRACT ("CONTRACT") OF WHICH THIS LIMITED AND CONDITIONAL WARRANTY, DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES AND LIABILITY IS A PART, OR BREACH OF SUCH CONTRACT, OR TORT, INCLUDING NEGLIGENCE AND STRICT LIABILITY, OR OTHERWISE, FOR LOSS OF ANTICIPATED PROFITS, LOST SALES, INJURY TO PERSONS OR PROPERTY, LOSS BY REASON OF PLANT SHUTDOWN, NONOPERATION OR INCREASED EXPENSE OF OPERATION, SERVICE INTERRUPTIONS, CLAIMS OF CUSTOMERS OF PURCHASER, COST OF MONEY, LOSS OF USE OF CAPITAL OR REVENUE, OR FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE ANY KIND WHATSOEVER, ABC'S LIABILITY, FOR ANY LOSS OR DAMAGE ARISING OUT OF, OR RESULTING FROM SUCH CONTRACT, OR FROM ITS PERFORMANCE OR BREACH, SHALL IN NO CASE EXCEED THE CONTRACT PRICE AS SET FORTH IN SUCH CONTRACT.

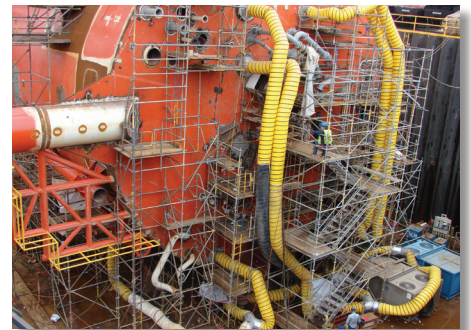
14. **GOVERNING LAW.** This Purchase Order Acknowledgement shall be governed by and interpreted in accordance with the laws of the State of Indiana, United States of America. Purchaser hereby consents to settle any disputes with respect or relating to this Purchase Order Acknowledgement exclusively in state and federal courts located within the federal Northern District of Indiana.



*ABC's headquarters in Winona Lake, Indiana*

## About ABC

The story of ABC Industries is one of product evolution and prosperity since its humble beginning is 1926. What began as American Brattice Cloth (ABC) and a single product, jute brattice cloth, has transformed into a diverse line of ventilation products for a wide range of industrial applications. Markets served by ABC's ducting include HVAC, material handling, paint and sandblasting, disaster response, aviation, and the military, among others. Market trends and new technologies have guided ABC along the path of innovation to provide its customers with premium products and outstanding service. As industrial ventilation products continue to evolve, ABC proactively collaborates with industry professionals to engineer unique, high quality solutions to meet the market's needs for tomorrow and beyond.





**HEADQUARTERS  
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