

Thermoid®

MADE IN U.S.A. 



AERODUCT® AVIATION DUCTING & HOSE CATALOG

www.thermoid.com



Thermoid has represented excellence in quality since 1883, delivering innovative solutions for the most challenging environments.



Thermoid has a strong legacy of supplying high-quality, reliable rubber products to the industrial marketplace. Thermoid's internal mixing process provides conveyor belts with a consistent quality. From standard to custom-designed, we can create a variety of lightweight conveyor belting to meet demanding and unique applications.



Thermoid products are designed to meet or exceed stringent industry standards. Our commitment to maintaining and improving the quality and performance of our products has made us a preferred partner to our customers.

ABOUT THERMOID

Thermoid has manufactured quality rubber products since 1883, serving many diverse industries and markets and to work with customers to source both standard and custom-designed products, ranging from multipurpose industrial hoses to conveyor belting. End users, OEMs and industrial distributors worldwide choose Thermoid products for their reliability, quality construction, durability and exceptional performance.

MANUFACTURING EXCELLENCE & SAFETY

Thermoid products are made in our three US manufacturing facilities that operate under the guidance of ISO 9001 Quality Systems. All products are tested to meet or exceed stringent industry standards, and to ensure long-term operation and worker safety. A strong commitment to maintaining and improving the quality of product performance and customer service is inherent within our management policy and extends to every member of the company.

APPLICATION EXPERTISE

Our expert design and application engineers are available to assist our customers, product design engineers and OEMs, to provide innovative solutions for most demanding industrial markets, including:

- Aerospace/Aviation
- Agriculture
- Construction
- Defense/Military
- Material Handling
- Mining

Thermoid can create custom application-engineered rubber products in addition to our stock products in these categories:

- Automotive Aftermarket Hose & Accessories
- Conveyor Belting
- Ducting
- Hose Products (Automotive, Aviation, Bulk Transfer, Chemical, Industrial, Marine, Petroleum and more)

Thermoid provides innovative rubber products across a variety of markets. Our vision is to build lasting customer relationships and solutions to customers' most challenging problems. Thermoid products are manufactured in the US at three facilities.



Bellefontaine, OH

Chanute, KS

Oneida, TN

MANUFACTURED IN THE USA 

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AERODUCT® DUCTING

Aeroduct® wire-supported ducting, in its various forms and constructions, provides the most versatile type of ducting in the industry for permanent and temporary installations for different applications. Thermoid manufactures Aeroduct aircraft ducting with fiberglass fabrics, impregnated with neoprene or silicone rubber compounds developed for flame resistance and high-temperature applications.

CONSTRUCTION CODES

Thermoid maintains a construction code system for Aeroduct to identify a particular aircraft ducting without going into detail about various materials. **Look for these codes to ensure you are getting Thermoid Aeroduct ducting.**

Example: **SCEETS 8-100-4**

DIMENSIONS									
X	X	XX	X	X	XX	-	XXX	-	X
Material		Specialty-Engineered Coated Fiberglass Fabric, Construction			End Finish		Inside Diameter		Length Of End (if applicable)
S	Silicone				S	Soft end cuffs (no wire stiffening)	Generally, there are three groups of digits: First group of digits: inside diameter Second group of digits: overall length including end finish if specified Third group of digits: lengths of ends only and included in the overall length		When a dimensional number is followed by the letter "A", it indicates the next larger 1/8" diameter (i.e., 1 1/8" inside diameter equals -4A; 3 3/8" inside diameter equals -14A)
B	Buna-N	A	1	Medium	K	Special end finish – explain requirements in detail			
blank	Other materials	AA	2	Medium					
		AI	1	Medium					
		AE	3	Medium					
		EE	2	Medium					
		EA	3	Medium	D	Rubber sheet liner (specify thickness)			
		UA	2	Light	T	Plain ends (if not followed by letter indicating type of end)			
		I	1	Heavy					
		O	2	Heavy					
		OI	3	Heavy					
		OO	4	Heavy					
Construction							Overall Length		
C	Wire-supported standard helix						All groups of digits indicate the dimension in the number of fourths in an inch. For example, a 4" inside diameter is indicated by -16 (16 ÷ 4 = 4); a diameter of 1 1/2" is indicated by -6 (6 ÷ 4 = 1 1/2).		
W	Convolute, standard								
L	Sleeving, standard								
P	Nonmetallic-supported standard helix								
<p>⚠ WARNING</p> <p>Failure to properly follow the manufacturer's recommended procedures for the care,</p>									

*When a dimensional number is followed by the letter "A", it indicates the next larger 1/8" diameter (i.e., 1 1/8" inside diameter equals -4A; 3 3/8" inside diameter equals -14A).

⚠ WARNING

Failure to properly follow the manufacturer's recommended procedures for the care, maintenance and storage of a particular hose might result in its failure to perform in the manner intended and might result in possible damage to property and serious bodily injury or death.

AERODUCT® SCAT SINGLE PLY SILICONE COATED DUCTING – RED

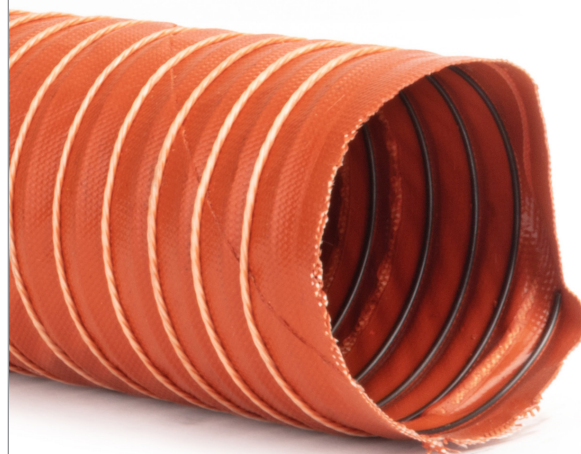
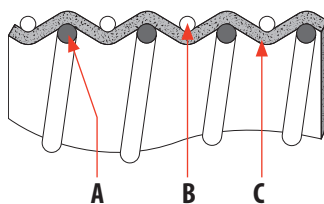
- Recommended for use in conducting extremely cold or hot air ranging, from -65°F to +550°F
- Lightweight and extremely flexible
- Constructed in short sections that can be joined to form continuous length to minimize waste

⚠ WARNING

Do not use this product for negative pressure applications.

CONSTRUCTION

- Support – Copper-coated or bronze-plated spring-steel-wire helix
- Cord – Fiberglass cord coated with silicone
- Cover – Woven fiberglass fabric impregnated with silicone rubber



Item Number	Description	Inside Diameter (in.)	Standard Length (ft.)	Weight (lbs. per ft.)	Inside Bend Radius (in.)	Minimum Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Maximum Leakages (CFM/ft. at Working Pressure)	Operating Temperature Range
00872900204	SCAT 2-240 (½" x 5')	½	5	0.07	0.50	120	30	0.010	-80°F to +550°F
00872972189	SCAT 2A-240 (⅜" x 5')	⅜		0.09	0.50	120	30	0.010	
00890000304	SCAT 3-528 (¾" x 11')	¾		0.10	0.50	120	30	0.010	
00890000404	SCAT 4-528 (1" x 11')	1		0.11	0.50	120	30	0.010	
00890000504	SCAT 5-528 (1¼" x 11')	1¼	11	0.13	0.50	120	30	0.010	
00890000604	SCAT 6-528 (1½" x 11')	1½		0.15	0.50	112	28	0.010	
00890000704	SCAT 7-528 (1¾" x 11')	1¾		0.17	0.50	106	26	0.010	
00890000804	SCAT 8-528 (2" x 11')	2		0.19	0.50	102	25	0.010	
00890000904	SCAT 9-528 (2¼" x 11')	2¼		0.21	0.75	99	25	0.015	
00890001004	SCAT 10-528 (2½" x 11')	2½		0.24	0.75	95	24	0.015	
00890001104	SCAT 11-528 (2¾" x 11')	2¾		0.27	0.75	92	23	0.015	
00890001204	SCAT 12-528 (3" x 11')	3		0.29	0.75	88	22	0.015	
00890001304	SCAT 13-528 (3¼" x 11')	3¼		0.31	0.75	83	21	0.020	
00890001404	SCAT 14-528 (3½" x 11')	3½		0.34	1.00	78	20	0.020	
00890001504	SCAT 15-528 (3¾" x 11')	3¾		0.36	1.00	73	19	0.020	
00890001604	SCAT 16-528 (4" x 11')	4		0.38	1.00	69	17	0.020	
00890001804	SCAT 18-528 (4½" x 11')	4½		0.43	1.25	63	15	0.025	
00890002004	SCAT 20-528 (5" x 11')	5		0.48	1.25	57	14	0.025	
00890002204	SCAT 22-528 (5½" x 11')	5½		0.53	1.25	49	12	0.030	
00890002404	SCAT 24-528 (6" x 11')	6		0.58	1.50	41	10	0.030	
00890002604	SCAT 26-528 (6½" x 11')	6½		0.63	1.50	38	9	0.035	
00890002804	SCAT 28-528 (7" x 11')	7		0.68	1.75	35	8	0.035	
00890003204	SCAT 32-528 (8" x 11')	8		0.78	2.00	31	7	0.040	
00890003604	SCAT 36-528 (9" x 11')	9		0.88	2.25	27	6	0.045	
00890004004	SCAT 40-528 (10" x 11')	10		0.98	2.50	24	6	0.050	
00890004804	SCAT 48-528 (12" x 11')	12		1.14	3.50	20	5	0.055	

AERODUCT® SCEET DOUBLE PLY SILICONE COATED DUCTING – RED

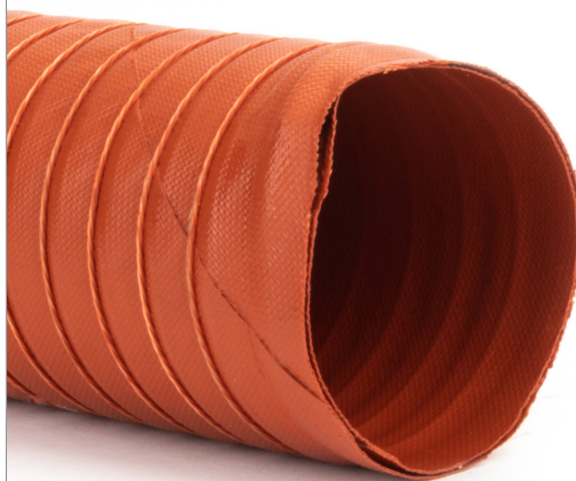
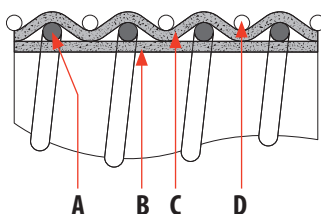
- Highly flexible
- Easily installed around obstructions and sharp bends
- Less air friction loss than similar non-lined ducting
- Ideal for use in extremely cold or hot air, ranging from -80°F to +550°F
- Good for conveying fumes

⚠ WARNING

Do not use this product for applications involving liquids or highly abrasive materials or for negative pressure applications.

CONSTRUCTION

- A. Support – Copper-coated or bronze-plated spring-steel-wire helix bonded between liner and cover material
- B. Liner – Fiberglass fabric impregnated and coated with silicone rubber
- C. Cover – Fiberglass fabric impregnated and coated with silicone rubber
- D. Cord – Fiberglass cord coated with silicone



Item Number	Description	Inside Diameter (in.)	Standard Length (ft.)	Weight (lbs. per ft.)	Inside Bend Radius (in.)	Minimum Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Maximum Leakages (CFM/ft. at Working Pressure)	Operating Temperature Range
00872972198	SCEET 2-240 (½" x 5')	½	5	0.07	0.50	180	45	0.010	-80°F to +550°F
00872972196	SCEET 2A-240 (⅜" x 5')	⅜		0.08	0.50	180	45	0.010	
00890100304	SCEET 3-528 (¾" x 11')	¾		0.09	0.50	180	45	0.010	
00890100404	SCEET 4-528 (1" x 11')	1		0.11	0.50	180	45	0.010	
00890100504	SCEET 5-528 (1¼" x 11')	1¼	11	0.13	0.50	165	42	0.010	
00890100604	SCEET 6-528 (1½" x 11')	1½		0.15	0.75	165	42	0.012	
00890100704	SCEET 7-528 (1¾" x 11')	1¾		0.17	0.75	165	42	0.014	
00890100804	SCEET 8-528 (2" x 11')	2		0.20	0.75	165	42	0.016	
00890100904	SCEET 9-528 (2¼" x 11')	2¼		0.24	0.75	154	38	0.018	
00890101004	SCEET 10-528 (2½" x 11')	2½		0.27	1.00	143	35	0.020	
00890101104	SCEET 11-528 (2¾" x 11')	2¾		0.30	1.00	131	32	0.022	
00890101204	SCEET 12-528 (3" x 11')	3		0.33	1.00	120	30	0.024	
00890101304	SCEET 13-528 (3¼" x 11')	3¼		0.36	1.00	112	28	0.026	
00890101404	SCEET 14-528 (3½" x 11')	3½		0.39	1.25	105	26	0.028	
00890101504	SCEET 15-528 (3¾" x 11')	3¾		0.42	1.25	98	24	0.030	
00890101604	SCEET 16-528 (4" x 11')	4		0.44	1.25	90	22	0.032	
00890101804	SCEET 18-528 (4½" x 11')	4½		0.50	1.25	81	20	0.036	
00890102004	SCEET 20-528 (5" x 11')	5		0.55	1.50	72	19	0.040	
00890102204	SCEET 22-528 (5½" x 11')	5½		0.61	1.75	66	16	0.044	
00890102404	SCEET 24-528 (6" x 11')	6		0.66	1.75	60	15	0.048	
00890102604	SCEET 26-528 (6½" x 11')	6½		0.72	2.00	55	13	0.052	
00890102804	SCEET 28-528 (7" x 11')	7		0.77	2.00	51	12	0.056	
00890103204	SCEET 32-528 (8" x 11')	8		0.87	2.25	45	11	0.064	
00890103604	SCEET 36-528 (9" x 11')	9		0.98	2.50	40	10	0.072	
00890104004	SCEET 40-528 (10" x 11')	10		1.09	2.75	36	9	0.080	
00890104804	SCEET 48-528 (12" x 11')	12		1.32	3.00	30	7	0.096	

AERODUCT® CAT SINGLE PLY NEOPRENE COATED DUCTING – BLACK

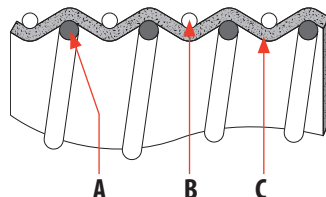
- Extremely lightweight, highly flexible, low-pressure ducting
- Suitable for conveying fumes and air
- Short lengths can be easily joined together to form a continuous length

⚠ WARNING

Do not use this product for handling liquids or highly abrasive materials or for negative pressure applications.

CONSTRUCTION

- Support – Copper-coated or bronze-plated spring-steel-wire helix
- Cord – Fiberglass cord impregnated with neoprene rubber
- Cover – Fiberglass fabric impregnated and coated with neoprene rubber



Item Number	Description	Inside Diameter (in.)	Standard Length (ft.)	Weight (lbs. per ft.)	Inside Bend Radius (in.)	Minimum Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Maximum Leakages (CFM/ft. at Working Pressure)	Operating Temperature Range
00875971832	CAT 2-240 (½" x 5')	½	5	0.06	0.50	180	45	0.020	-65°F to +350°F
00875971826	CAT 2A-240 (⅜" x 5')	⅜		0.07	0.50	180	45	0.020	
00893000304	CAT 3-480 (¾" x 10')	¾		0.08	0.50	180	45	0.020	
00893000404	CAT 4-480 (1" x 10')	1		0.09	0.50	180	45	0.020	
00893000504	CAT 5-480 (1¼" x 10')	1¼		0.10	0.50	140	35	0.020	
00893000604	CAT 6-480 (1½" x 10')	1½	10	0.12	0.50	120	30	0.030	
00893000704	CAT 7-480 (1¾" x 10')	1¾		0.13	0.50	105	26	0.030	
00893000804	CAT 8-480 (2" x 10')	2		0.15	0.50	90	30	0.030	
00893000904	CAT 9-480 (2¼" x 10')	2¼		0.17	0.75	80	20	0.034	
00893001004	CAT 10-480 (2½" x 10')	2½		0.19	0.75	72	18	0.038	
00893001104	CAT 11-480 (2¾" x 10')	2¾		0.21	0.75	65	16	0.042	
00893001204	CAT 12-480 (3" x 10')	3		0.23	0.75	60	15	0.045	
00893001304	CAT 13-480 (3¼" x 10')	3¼		0.25	0.75	55	13	0.049	
00893001404	CAT 14-480 (3½" x 10')	3½		0.27	1.00	51	12	0.053	
00893001504	CAT 15-480 (3¾" x 10')	3¾		0.29	1.00	48	12	0.057	
00893001604	CAT 16-480 (4" x 10')	4		0.31	1.00	45	11	0.060	
00893001804	CAT 18-480 (4½" x 10')	4½		0.35	1.25	40	10	0.067	
00893002004	CAT 20-480 (5" x 10')	5		0.39	1.25	36	9	0.075	
00893002204	CAT 22-480 (5½" x 10')	5½		0.43	1.25	32	8	0.082	
00893002404	CAT 24-480 (6" x 10')	6		0.47	1.50	30	7	0.090	
00893002804	CAT 28-480 (7" x 10')	7		0.55	1.50	25	8	0.105	
00893003204	CAT 32-480 (8" x 10')	8		0.63	1.75	22	6	0.120	
00893004004	CAT 40-480 (10" x 10')	10		0.78	2.00	16	4	0.135	

AERODUCT® CEET DOUBLE PLY NEOPRENE COATED DUCTING – BLACK

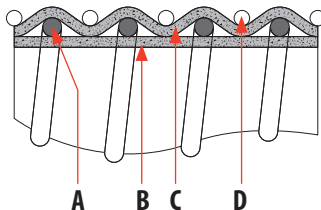
- Features a fabric liner on the inside diameter which allows air to flow smoothly, even in tight bends
- Offers less air friction-loss than unlined ducting
- Recommended for use in hot or cold air applications and for conveying fumes

⚠ WARNING

Do not use this product for conveying liquids or highly abrasive materials or for negative pressure applications.

CONSTRUCTION

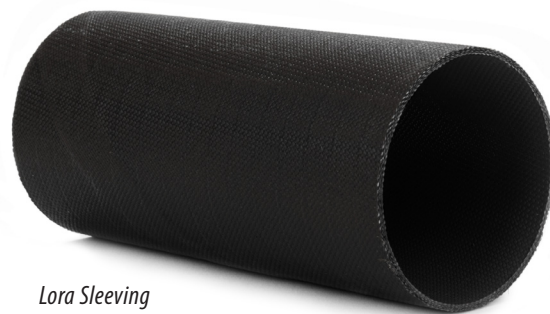
- Support – Copper-coated or bronze-plated spring-steel-wire helix
- Liner – Woven fiberglass fabric impregnated and coated with neoprene rubber
- Cover – Woven fiberglass fabric impregnated and coated with neoprene rubber
- Cord – Fiberglass cord impregnated with neoprene rubber



Item Number	Description	Inside Diameter (in.)	Standard Length (ft.)	Weight (lbs. per ft.)	Inside Bend Radius (in.)	Minimum Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Maximum Leakages (CFM/ft. at Working Pressure)	Operating Temperature Range
00875971827	CEET 2-240 (½" x 5')	½	5	0.09	0.50	200	50	0.015	-65°F to +350°F
00875971828	CEET 2A-240 (⅜" x 5')	⅜		0.10	0.50	200	50	0.015	
00893100304	CEET 3-480 (¾" x 10')	¾		0.11	0.50	200	50	0.015	
00893100404	CEET 4-480 (1" x 10')	1		0.13	0.50	200	50	0.015	
00893100504	CEET 5-480 (1¼" x 10')	1¼		0.15	0.50	200	50	0.015	
00893100604	CEET 6-480 (1½" x 10')	1½		0.17	0.75	195	48	0.016	
00893100704	CEET 7-480 (1¾" x 10')	1¾		0.20	0.75	190	47	0.018	
00893100804	CEET 8-480 (2" x 10')	2		0.22	0.75	180	46	0.020	
00893100904	CEET 9-480 (2¼" x 10')	2¼		0.26	0.75	160	40	0.022	
00893101004	CEET 10-480 (2½" x 10')	2½		0.29	1.00	144	36	0.025	
00893101104	CEET 11-480 (2¾" x 10')	2¾	10	0.32	1.00	131	32	0.027	
00893101204	CEET 12-480 (3" x 10')	3		0.35	1.00	120	40	0.030	
00893101304	CEET 13-480 (3¼" x 10')	3¼		0.38	1.00	110	27	0.032	
00893101404	CEET 14-480 (3½" x 10')	3½		0.41	1.25	103	25	0.035	
00893101504	CEET 15-480 (3¾" x 10')	3¾		0.44	1.25	96	24	0.037	
00893101604	CEET 16-480 (4" x 10')	4		0.47	1.25	90	22	0.040	
00893101804	CEET 18-480 (4½" x 10')	4½		0.52	1.25	80	20	0.045	
00893102004	CEET 20-480 (5" x 10')	5		0.58	1.50	72	18	0.050	
00893102204	CEET 22-480 (5½" x 10')	5½		0.64	1.50	65	16	0.055	
00893102404	CEET 24-480 (6" x 10')	6		0.69	1.75	60	15	0.060	
00893102804	CEET 28-480 (7" x 10')	7		0.81	2.00	48	12	0.070	
00893103204	CEET 32-480 (8" x 10')	8		0.92	2.25	43	10	0.080	
00893104004	CEET 40-480 (10" x 10')	10		1.15	3.00	38	7	0.100	

AERODUCT® LORA AND SLOOT SLEEVING

- Produced with unlimited variety of materials and rubber compounds
- Specially fabricated flame-resistant fiberglass infused with neoprene or silicone rubber are the most common sleeving
- Nylon, cotton and other basic fabrics available
- Excellent non-metallic conduit to protect cables and electric wiring
- Can be hand crushed during installation and will shape to square or rectangular rigid tube ends
- Installation features:
 - Compensation for misalignment during install
 - Dampens and absorbs vibration
 - Provides for deflection
 - Absorbs longitudinal expansion/contraction prevalent in metal tubing



Lora Sleeving



Sloom Sleeving

LORA SLEEVING

Dash Number	Inside Diameter (in.)	Weight (lbs. per ft.)	Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Leakage (CFM/ft/ at Working Pressure)	Axial Tensile Strength (lbs.)	Operating Temperature Range	Standard Length (ft.)
8	2	0.17	205	52.0	0.016	1000 plus	-65°F to +350°F	5
12	3	0.25	150	37.0	0.024			
16	4	0.34	126	31.0	0.032			
20	5	0.42	100	25.0	0.040			
24	6	0.52	80	20.0	0.048			
28	7	0.62	62	15.0	0.056			
32	8	0.72	49	12.0	0.064			
40	10	0.92	39	9.5	0.080			
48	12	1.12	32	8.0	0.096			

SLOOT SLEEVING

Dash Number	Inside Diameter (in.)	Weight (lbs. per ft.)	Burst Pressure (PSIG)	Internal Working Pressure (PSIG)	Leakage (CFM/ft/ at Working Pressure)	Axial Tensile Strength (lbs.)	Operating Temperature Range	Standard Length (ft.)
4	1	0.2	400	100	0.001	1000 plus	-65°F to +350°F	5
6	1½	0.28	400	100	0.001			
8	2	0.36	400	100	0.0010			
12	3	0.52	240	60	0.0015			
16	4	0.70	220	56	0.0020			
20	5	0.88	140	36	0.0025			
24	6	1.06	110	28	0.0048			
28	7	1.21	63	16	0.0055			
32	8	1.40	32	8	0.0064			
40	10	1.76	24	6	0.0080			
48	12	2.00	16	4	0.0120			

AERODUCT® JET STARTER HOSE AND SCUFFER JACKETS

AERODUCT® JET STARTER HOSE

Aeroduct® Jet Starter Hose features a specially compounded silicone rubber tube that withstands temperatures up to 500°F and as low as -80°F. Light enough to be handled easily by one person, the hose construction features a synthetic yarn reinforcement that assures high burst strength (450 PSI and higher), dimensional stability, and maximum flexibility. Plus, it is resistant to heat, solvents, mildew, and fuels. In addition, replaceable lenoweave or open-braided scuffer jackets extend service life and provide an extra measure of abrasion-resistance and durability by shielding the jet starter duct from the damage that often results from being dragged and scuffed over concrete ramps and runways.

- Features a specially compounded seamless, silicone rubber tube
- Withstands temperatures up to 500°F and as low as -80°F
- Harnessing the power of the starter, it delivers that power at full pressure and temperature to the plane
- Construction features synthetic yarn reinforcement that assures high burst strength (400 PSI and higher)
- Dimensional stability
- Maximum flexibility
- Resistant to heat, solvents, mildew and fuels

CONSTRUCTION

Pressure Hose – P/N 10H09

1. Hose liner - smooth, seamless, non-flaking specially compounded silicone rubber
2. Hose reinforcement – synthetic yarn for burst strength greater than 450 psi. Resistant to heat, solvents, mildew and fuels
3. Braided construction with yarn integrally lock-bonded to the silicone tube



Basic Hose P/N*	Inside Diameter (in.)	Wall Thickness (in.)	Weight Per Foot (lbs.)	High Temperature	Low Temperature	Burst Strength	Maximum Static Load (lbs.)	Proof Pressure Tested	Lengths (ft.)
10H09	3½	3⁄16 +0/- 1⁄32	1.1	+500° F	-80° F	over 450 PSIG	2000	All lengths tested at 200 PSIG at Chanute	to 60

Commercial 500°F		
Description	Length (ft.)	Item Number
10H09-20	20	00860270004
10H09-25	25	
10H09-30	30	00860201404
10H09-35	35	
10H09-40	40	00860270000
10H09-45	45	00860270010
10H09-50	50	00860270020
10H09-55	55	00860270027
10H09-60	60	00860201460

NOTE: All data based on controlled tests and may be changed without notice.

*Part Number (P/N) is Base Hose Number and XX for length in Feet (Example: 10H09-30 for a 30' Hose)

AERODUCT® SCUFFER JACKETS

Thermoid manufactures replaceable scuffer jackets to help protect the hose from damage caused by dragging and scuffing over concrete ramps and runways.

- Low profile (LW) scuffer strip minimizes hang-up on equipment or ramps
- Replaceable Leno Weave or open-braided scuffer jackets

Scuffer Jacket P/N	Construction	Weight Per Foot (lbs.)
50859	Woven fabric with extruded rubber scuff strip.	0.35
1106	Synthetic braided yarn with extruded rubber scuff strip	0.43
50859-HV	Woven fabric with extruded rubber scuff strip and high visibility tape	0.37
50859-LW	Woven fabric with lightweight scuff strip	0.35
50859-LW-HV	Woven fabric with lightweight scuff strip and high visibility tape	0.37

NOTE: Part Number (P/N) is Base Hose Number and XX for length in Feet (Example: 10H09-30 for a 30' Hose)



AERODUCT® SCUFFER JACKET 50859

50859 Leno Weave Jacket consists of closely woven, treated fabric with extruded abrasion resistant rubber vulcanized in a spiral to the leno weave.

Leno Weave Jacket With Scuffer		
Description	Length (ft.)	Item Number
50859-20	20	00861070003
50859-25	25	
50859-30	30	00861001704
50859-35	35	
50859-40	40	00861070000
50859-45	45	00861070009
50859-50	50	00861070006
50859-55	55	
50859-60	60	00861070002



AERODUCT® HIGH VISIBILITY SCUFFER JACKET 50859 (HV)

50859 HV features high visibility tape.

High Visibility Scuffer Jacket		
Description	Length (ft.)	Item Number
50859-HV-20	20	
50859-HV-25	25	
50859-HV-30	30	00861070070
50859-HV-35	35	
50859-HV-40	40	00861070071
50859-HV-45	45	
50859-HV-50	50	00861070069
50859-HV-55	55	
50859-HV-60	60	00861070082



AERODUCT® STRING JACKET 1106

1106 Open Braided String Jacket features synthetic yarn with extruded abrasion resistant rubber vulcanized in a spiral to the braided jacket.

Braided Jacket With Scuffer		
Description	Length (ft.)	Item Number
1106-20	20	
1106-25	25	
1106-30	30	00861301704
1106-35	35	00861370013
1106-40	40	00861370000
1106-45	45	
1106-50	50	00861370006
1106-55	55	
1106-60	60	00861370009

AERODUCT® SCUFFER JACKETS (continued)



AERODUCT® SCUFFER JACKET
50859 LW

50859 LW features a low profile scuffer strip.

LW Jacket (No Scuffer)		
Description	Length (ft.)	Item Number
50859-LW-20	20	
50859-LW-25	25	
50859-LW-30	30	00861070081
50859-LW-35	35	00861070091
50859-LW-40	40	00861070080
50859-LW-45	45	00861070078
50859-LW-50	50	00861070067
50859-LW-55	55	00861070086
50859-LW-60	60	00861070079



AERODUCT® SCUFFER JACKET
50859 LW HV

50859 LW HV features both low profile scuffer strip and high visibility tape.

LW-HV Jacket (No Scuffer)		
Description	Length (ft.)	Item Number
50859-LW-HV-20	20	00861070076
50859-LW-HV-25	25	
50859-LW-HV-30	30	00861070073
50859-LW-HV-35	35	
50859-LW-HV-40	40	00861070074
50859-LW-HV-45	45	00861070077
50859-LW-HV-50	50	00861070072
50859-LW-HV-55	55	
50859-LW-HV-60	60	00861070075

AERODUCT® JET STARTER HOSE AND SCUFFER JACKET ASSEMBLIES

Available in five different assembly configurations.

Assembly P/N	Basic Hose P/N	Scuffer Jacket P/N	Weight Per Foot (lbs.)
1170	10H09	1106	1.53
51180-HV	10H09	50859-HV	1.47
51180-LW	10H09	50859-LW	1.45
51180-LW-HV	10H09	50859-LW-HV	1.47

NOTE: Part Number (P/N) is Assembly Number and -XX for length in Feet (Example: 51180-LW-HV-30 for a 30' Assembly)



AERODUCT® SCUFFER JACKET 51180



AERODUCT® SCUFFER JACKET 51180 HV

51180 HV features high visibility options.



AERODUCT® SCUFFER JACKET 1170

Commercial Hose & Leno		
STD Weave Jacket Assembly 500°F		
10H09 Hose & 50859 Jacket		
Description	Length (ft.)	Item Number
51180-20	20	00862170007
51180-25	25	
51180-30	30	00862170003
51180-35	35	
51180-40	40	00862170029
51180-45	45	00862170039
51180-50	50	00862170001
51180-55	55	
51180-60	60	00862170008

Commercial Hose & HV Leno		
HV Weave Jacket Assembly 500°F		
10H09 Hose & 50859-HV Jacket		
Description	Length (ft.)	Item Number
51180-HV-20	20	
51180-HV-25	25	
51180-HV-30	30	00862170112
51180-HV-35	35	
51180-HV-40	40	00862170117
51180-HV-45	45	
51180-HV-50	50	00862170101
51180-HV-55	55	
51180-HV-60	60	00862170111

Commercial Hose & Braided		
Braided Jacket Assembly 500°F		
10H09 Hose & 1106 Jacket		
Description	Length (ft.)	Item Number
1170-20	20	
1170-25	25	
1170-30	30	00862270000
1170-35	35	
1170-40	40	00862270010
1170-45	45	
1170-50	50	00862270004
1170-55	55	
1170-60	60	



**AERODUCT® SCUFFER JACKET
51180 LW**

51180 LW features lightweight, low profile scuffer strip minimizes hang-up on equipment or ramps.

Commercial Hose & LW Leno		
LW Weave Jacket Assembly 500°F		
10H09 Hose & 50859-LW Jacket		
Description	Length (ft.)	Item Number
51180-LW-20	20	
51180-LW-25	25	
51180-LW-30	30	00862170110
51180-LW-35	35	
51180-LW-40	40	00862170109
51180-LW-45	45	00862170107
51180-LW-50	50	00862170099
51180-LW-55	55	00862170121
51180-LW-60	60	00862170108

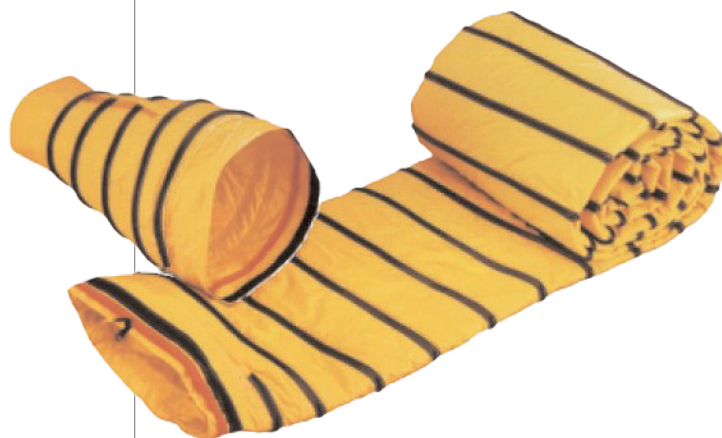


**AERODUCT® SCUFFER JACKET
51180 LW HV**

Commercial Hose & LW-HV Leno		
LW-HV Weave Jacket Assembly 500°F		
10H09 Hose & 50859-LW-HV Jacket		
Description	Length (ft.)	Item Number
51180-LW-HV-20	20	00862170102
51180-LW-HV-25	25	
51180-LW-HV-30	30	00862170106
51180-LW-HV-35	35	
51180-LW-HV-40	40	00862170103
51180-LW-HV-45	45	00862170104
51180-LW-HV-50	50	00862170100
51180-LW-HV-55	55	
51180-LW-HV-60	60	00862170105

AERODUCT® PRE-CONDITIONED AIR (PCA) SYSTEM DUCTING

- Perfect for moving large volumes of hot or cold conditioned air
- Features a rugged, two-ply, yellow vinyl-coated fabric with moisture-proof insulation between piles
- Abrasive resistant, scuff strip included for additional wear resistance
- Zipper and Velcro strips on cuffed ends permit attachments of additional section to form longer lengths
- PCA is constructed without wire reinforcement so it can be flattened and rolled up for easy storage when not in use
- Flat air ducts available
 - 8", 10", 12" and 14" inside diameters
 - Lengths up to 25 ft.
 - Temperature range of -40°F to +275°F
- Tapered adapter available in 10", 12" and 14" inside diameters on one end and are reduced over a 2 ft length to 8" ID on the opposite end
- Adapters include zipper and Velcro strips on large ID to allow attachment to the corresponding PCS flat duct, handling strap for easy transport and polyrod helix for support



I.D. (in.)	Length (ft.)	Part Number
8	10	AD1594N-8-10
8	20	AD1594N-8-20
8	25	AD1594N-8-25
10	10	AD1594N-10-10
10	20	AD1594N-10-20
10	25	AD1594N-10-25
12	10	AD1594N-12-10
12	20	AD1594N-12-20
12	25	AD1594N-12-25
14	10	AD1594N-14-10
14	20	AD1594N-14-20
14	25	AD1594N-14-25

Other sizes and lengths available upon request.

Tapered Adapter Part Numbers		
I.D. (in.)	Length (ft.)	Part Number
10 to 8	24	AD1812N
12 to 8	24	AD1672N
14 to 8	24	AD1595N

AERODUCT® MIL-DTL 6000D OIL AND COOLANT HOSE

- Designed to handle the effects of oil, alcohol, coolant and water both inside and out
- Tube is oil resistant with a black cover reinforced with strong mildew-resistant yarns
- Can withstand extreme temperature conditions ranging from -40°F to +250°F
- Meets or exceeds US military specs
- Lightweight, flexible and easy to handle
- Perfect hose for hard to get to spots in tight engine compartments

⚠ WARNING

This product is not recommended for use as a fuel line hose.



Item Number	Description	Standard Length (ft.)	I.D.		O.D.		Minimum Burst		Weight	
			in.	mm	in.	mm	PSIG	MPA	lbs./ft.	QM/CM
00850721294	MIL-DTL-6000D ¼" x 10'	10	¼	6.4	0.594	15.1	1000	6.9	0.14	2.1
00850721295	MIL-DTL-6000D ⅝" x 10'		⅝	7.9	0.656	16.7	1000	6.9	0.16	2.4
00850721296	MIL-DTL-6000D ¾" x 10'		¾	9.5	0.719	18.3	1000	6.9	0.18	2.7
00850721297	MIL-DTL-6000D ½" x 10'		½	12.7	0.844	21.4	1000	6.9	0.22	3.3
00850721298	MIL-DTL-6000D ⅝" x 10'		⅝	12.7	0.844	21.4	1000	6.9	0.22	3.3
00850721299	MIL-DTL-6000D ¾" x 10'		¾	19.1	1.094	27.8	1000	6.9	0.27	4.0
00850770025	MIL-DTL-6000D ⅞" x 10'		⅞	22.2	1.219	31	1000	6.9	0.33	4.9
00850770026	MIL-DTL-6000D 1" x 10'		1	25.4	1.344	34.1	1000	6.9	0.36	5.4
00850770027	MIL-DTL-6000D 1¼" x 10'		1¼	31.8	1.688	42.9	800	5.5	0.52	7.7
00850770028	MIL-DTL-6000D 1½" x 10'		1½	38.1	1.938	49.2	800	5.5	0.60	8.9
00850770029	MIL-DTL-6000D 1¾" x 10'		1¾	44.5	2.188	55.6	600	4.1	0.68	10.1
00850770030	MIL-DTL-6000D 2" x 10'		2	50.8	2.438	61.9	600	4.1	0.80	11.9
00850770031	MIL-DTL-6000D 2¼" x 10'		2¼	57.2	2.688	68.3	500	3.4	0.91	13.5
00850770032	MIL-DTL-6000D 2½" x 10'		2½	63.5	2.938	74.9	400	2.8	1.01	15.0
00850770033	MIL-DTL-6000D 3" x 10'		3	76.2	3.438	87.3	400	2.8	1.16	17.3
00850770058	MIL-DTL-6000D 3½" x 10'		3½	88.9	4.000	101.6	350	2.8	1.38	20.5
00850770044	MIL-DTL-6000D 4" x 10'		4	101.6	4.500	114.3	300	2.8	1.56	23.2

Item Number	Description	Non-Standard Length (ft.)	I.D.		O.D.		Minimum Burst		Weight	
			in.	mm	in.	mm	PSIG	MPA	lbs./ft.	QM/CM
00850721301	MIL-DTL-6000D ¼" x 50'	50	¼	6.4	0.594	15.1	1000	6.9	0.14	2.1
00850721302	MIL-DTL-6000D ⅝" x 50'		⅝	7.9	0.656	16.7	1000	6.9	0.16	2.4
00850721303	MIL-DTL-6000D ¾" x 50'		¾	9.5	0.719	18.3	1000	6.9	0.18	2.7
00850721304	MIL-DTL-6000D ½" x 50'		½	12.7	0.844	21.4	1000	6.9	0.22	3.3
00850721305	MIL-DTL-6000D ⅝" x 50'		⅝	12.7	0.844	21.4	1000	6.9	0.22	3.3
00850721306	MIL-DTL-6000D ¾" x 50'		¾	19.1	1.094	27.8	1000	6.9	0.27	4.0
00850770046	MIL-DTL-6000D 1" x 60'	60	1	25.4	1.344	34.1	1000	6.9	0.36	5.4

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