Ventinox®
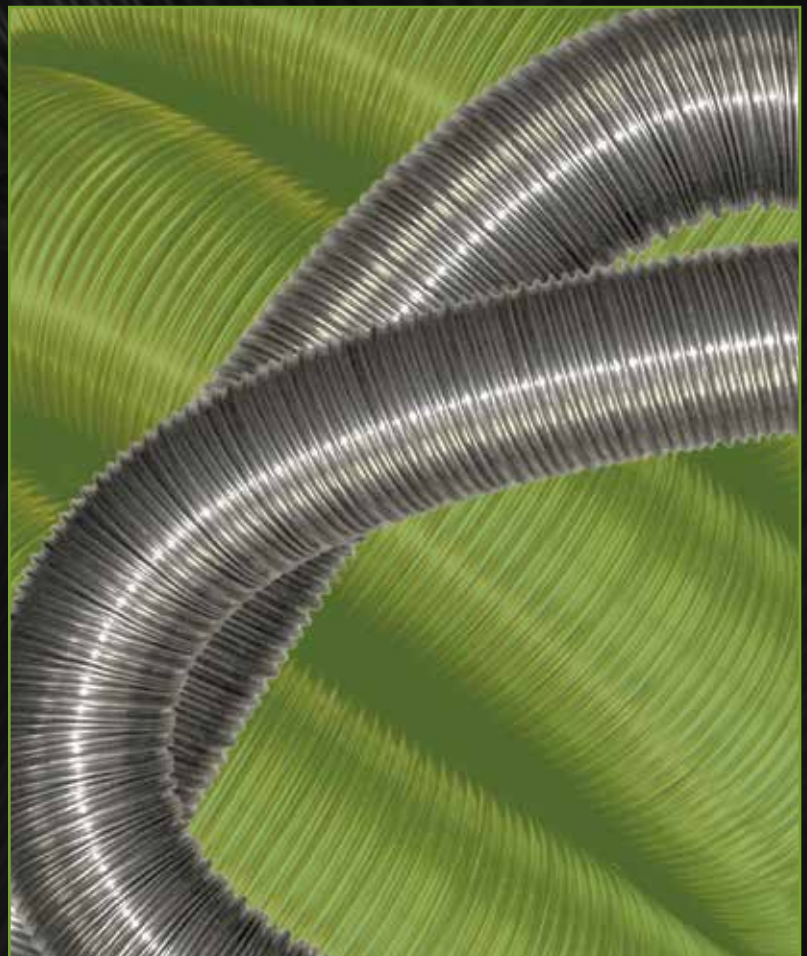
Welded, flexible and rigid relining
for masonry chimney.
UL 1777, ULC S635 and ULC S640.

Specifications

UL 1777, ULC S635 and ULC S640 Systems

Ventinox®
Liner For Life

Applications
VFT flexible liners are used for upgrading or restoring masonry chimneys that vent Category I natural gas, propane or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts.

VG flexible liners are top performers when used to line masonry chimneys venting Category I gas-fired boilers, furnaces, space and water heaters.

Materials and Construction
VFT Single-wall, .006" 316 stainless steel. Continuous weld delivers a strong, air and water tight flue gas conduit.

VG Single-wall, .006" AL29-4C stainless steel. Continuous weld construction.

Clearances
VFT 0" clearance to masonry chimney for oil and gas. With TherMix or ProFoil insulation 0" clearance for solid fuels.

VG 0" clearance to masonry for gas appliances.

Diameters
Flex 3"-12"

Listings
UL Listed to UL 1777 and ULC S635 (MH11476).

Ventinox VFT
Made from 316Ti stainless steel, can withstand high temperatures associated with solid fuel fired heaters, as well as the corrosive environments typical in gas or oil vents. Tested and listed for all-fuel, and can also be used for wood, gas, or oil-fired equipment.

Ventinox VG
The ultimate choice for venting gas fired appliances, where highly corrosive condensate formation (hydrochloric acid) within the flue is likely. The super-ferritic AL29-4C stainless steel alloy exhibits extreme resistance to chloride pitting, crevice, and stress corrosion and cracking.

Ventinox components are made from either 316SS (VFT) or super-ferritic stainless steel (VG). Components feature an integral locking band, avoiding the use of pop rivets. Liners and components provide a penetration free top to bottom connection.

When venting solid fuel heaters, Ventinox VFT must be insulated with either TherMix or ProFoil blankets to meet UL 1777 requirements. For all other applications, insulation is highly recommended for increased efficiency and draft performance.

NEW Ventinox Rigid

Made from 304 type stainless steel Ventinox Rigid is ideal for a variety of applications, including when the clay liner of an existing chimney is damaged, to improve the chimney's draft, or as a substitute for the clay liner in a new masonry chimney.

Time and wear can crack clay liners. Under these conditions, your liner can quickly become a nest for creosote deposits. Should this be the case with your masonry chimney, it would be wise, for safety reasons, to consider the advantages of a Ventinox Rigid.

The accumulation of creosote inside a chimney can become dangerous. As it is inflammable, creosote is the cause of chimney fires which can spread to become a real danger. The stainless steel liner impedes the adhesion of creosote.

Controlled-combustion stoves are designed according to highly efficient heat transfer and combustion technologies. Their rate of performance increases when they are installed with a chimney of suitable diameter. Clay liners are often too large. Consequently, they remain too cold and do not allow gas to be completely consumed, a situation which leads to gas condensation, thus formation of creosote.

Specifications

Applications

Ventinox Rigid stainless steel liner is designed for installation in a masonry chimney:

• when the clay liner of an exisiting chimney is damaged.

• to improve the chimney's draft.

• as a substitute of the clay liner in a new masonry chimney.

Used to vent solid, liquid or gas-fuel fired appliances (coal, wood, oil, etc).

Ventinox Rigid can be installed simply and easily, thanks to its unique twist-lock system. Just slip the components together and twist 1/8th of a turn.

Materials and Construction

304 stainless steel. Double-lock seam provides superior strength and prevents deformation.

Clearances

Between masonry and combustible materials.

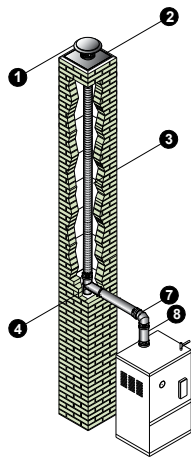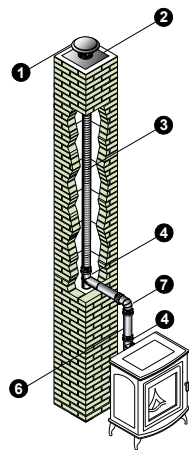| NFPA211 (USA)	
Interior Installation	2" (50 mm)
Exterior Installation	1" (25 mm)

Diameters
5"-8"

Listings
UL-1777, ULC-S635M and ULC-S640M at 2100°F (1150°C).

Ventinox VG and VFT Typical Installations

Gas Furnace
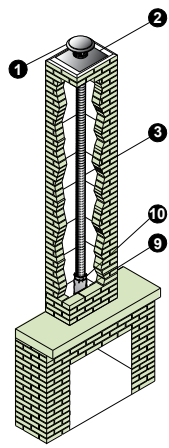
Gas Stove

Installation Key	
1	Rain Cap w/ Storm Collar
2	Top Cover Plate
3	Flex Length
4	Tee with Removable Snout
5	Sleeve
6	Rigid Type B Gas Vent or Rigid Pipe Length
7	Adjustable Elbow
8	DuraFlex Appliance Adapter
9	Bottom Plate w/ Collar
10	ProFoil w/ ProMesh or Thermix

Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.

Fireplace Insert

Open Fireplace

Cap with Storm Collar

Top Cover Plate

Ventinox Flexible Length

Sleeve
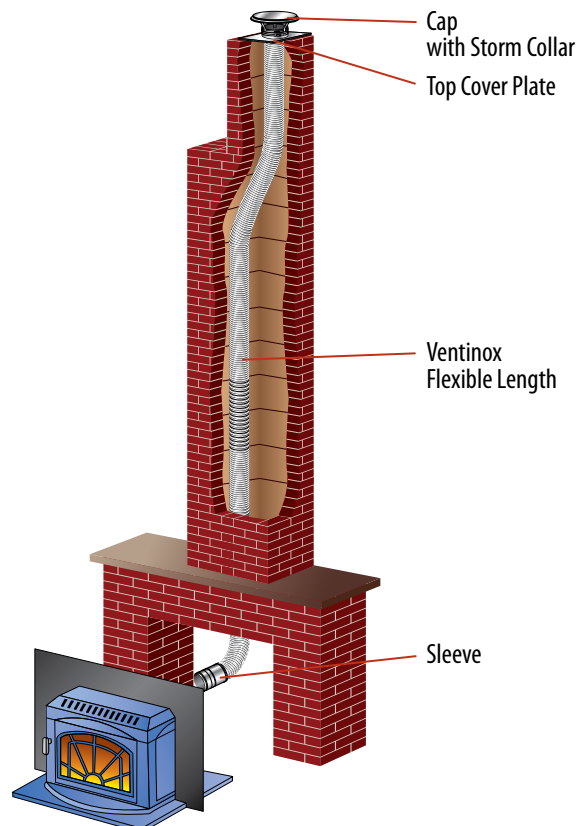
Ventinox Rigid
Typical Installations
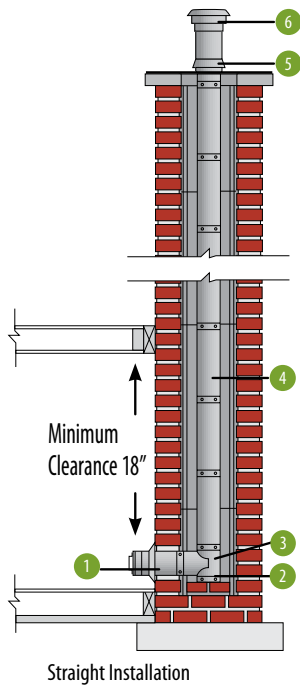
Straight Installation Key	
1	Masonry Adaptor
2	Tee Cap
3	Split Base Tee
4	Length
5	Flashing
6	Deluxe Rain Cap

Offset Installation Key	
1	Elbow
2	Adjustable Length or Flexible Length
3	Interior Support
4	Elbow
5	Length
6	Support Assembly
7	Regular Rain Cap

Minimum Clearance 18"

Straight Installation

Offset Installation

Planning Your Installation

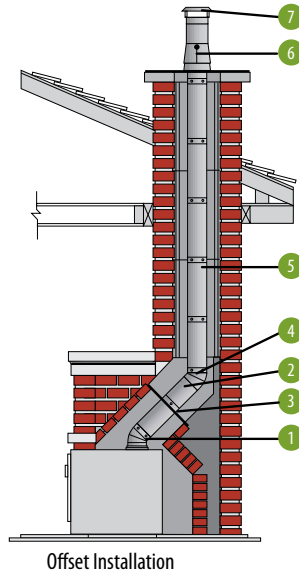|	
1	Verify the venting requirements of the appliance used. Choose the liner system appropriate for the appliance and installation. Note: VFT is recommended for all fuels and VG is the best choice for gas.
2	Refer to the Typical Installations for the type of liner installation similar to your situation. Identify the needed parts for installation.
3	Venting for a fireplace requires the correct liner size for proper drafting. The size of the liner should match the outlet size on the appliance.
4	Determined the length of the liner needed.
5	If connecting two or more appliances to a common vent, be sure to connect the higher BTU appliance below the lower BTU appliance.
6	Make sure of a proper fit for the top plate of the relining to provide a secure, leak-proof installation.
7	If a free standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner (refer to the appropriate DuraVent Catalog Section).
8	Important! Check to be sure the installation complies with all local and national code requirements, including clearances to combustibles. Contact the local building inspector for permit requirements.

Ventinox® Kits

Ventinox VFT Kit w/out Tee

Includes Ventinox VFT Liner, Top Plate, and Rain Cap with Storm Collar. Choose diameter and length needed.

SIZE	LENGTH	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	25'	3VFT-25K	810001569	35'	3VFT-35K	810001570
4"	25'	4VFT-25K	810001571	35'	4VFT-35K	810001572
5"	25'	5VFT-25K	810001573	35'	5VFT-35K	810001574
5 ½"	25'	55VFT-25K	810001575	35'	55VFT-35K	810001576
6"	25'	6VFT-25K	810001577	35'	6VFT-35K	810001578
7"	25'	7VFT-25K	810001579	35'	7VFT-35K	810001580
8"	25'	8VFT-25K	810001581	35'	8VFT-35K	810001582

Ventinox VFT Kit w/ Tee

Includes Ventinox VFT Liner, Top Plate, Rain Cap with Storm Collar, Tee with Removable Snout, and Tee Cap. Choose diameter and length needed.

SIZE	LENGTH	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	25'	3VFT-25KT	810001583	35'	3VFT-35KT	810001584
4"	25'	4VFT-25KT	810001585	35'	4VFT-35KT	810001586
5"	25'	5VFT-25KT	810001587	35'	5VFT-35KT	810001588
5 ½"	25'	55VFT-25KT	810001589	35'	55VFT-35KT	810001590
6"	25'	6VFT-25KT	810001591	35'	6VFT-35KT	810001592
7"	25'	7VFT-25KT	810001593	35'	7VFT-35KT	810001594
8"	25'	8VFT-25KT	810001595	35'	8VFT-35KT	810001596

Ventinox® VFT & VG

Ventinox VFT Extensions

Use as an economical solution to add a few extra feet when needed to complete a run. Available in 5' and 10' lengths.

SIZE	LENGTH	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	5'	3VFT-X5	810001612	10'	3VFT-X10	810001613
4"	5'	4VFT-X5	810001628	10'	4VFT-X10	810001629
5"	5'	5VFT-X5	810001647	10'	5VFT-X10	810001648
5 ½"	5'	55VFT-X5	810001665	10'	55VFT-X10	810001666
6"	5'	6VFT-X5	810001680	10'	6VFT-X10	810001681
7"	5'	7VFT-X5	810001711	10'	7VFT-X10	810001712
8"	5'	8VFT-X5	810001735	10'	8VFT-X10	810001736

Ventinox VFT

Used for upgrading or restoring masonry chimneys that vent Category I natural gas, propane or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts. Single-wall, .006" 316 Ti (Titanium) stainless steel. Continuous weld delivers a strong, air and water tight flue gas conduit. Custom lengths available using XX stock#'s (e.g.: For a 9" diameter, 40' length stock# would be QTY 40 of 9VFT-XX). Maximum length of 150' for 3" - 9" diameter custom orders and 25' for 10"-12" diameter custom orders. Must be ordered in 10' increments.

| SIZE	LENGTH	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	25	3VFT-25BL	810001614	3"	3VFT-XX	810001611
4"	25	4VFT-25BL	810001630	4"	4VFT-XX	810001627
5"	25	5VFT-25BL	810001649	5"	5VFT-XX	810001646
5 ½"	25	55VFT-25BL	810001667	5 ½"	55VFT-XX	810001664
6"	25	6VFT-25BL	810001682	6"	6VFT-XX	810001679
7"	25	7VFT-25BL	810001713	7"	7VFT-XX	810001710
8"	25	8VFT-25BL	810001737	8"	8VFT-XX	810001734
3"	35	3VFT-35BL	810001615	9"	9VFT-XX	810001763
4"	35	4VFT-35BL	810001631	10"	10VFT-XX	810001778
5"	35	5VFT-35BL	810001650	11"	11VFT-XX	810001795
5 ½"	35	55VFT-35BL	810001668	12"	12VFT-XX	810001808
6"	35	6VFT-35BL	810001683			
7"	35	7VFT-35BL	810001714			
8"	35	8VFT-35BL	810001738			

Ventinox VG

Used to line masonry chimneys venting Category I, natural gas, propane, furnaces, space and water heaters. Single-wall, .006" AL29-4C stainless steel. Continuous weld construction. Custom lengths available using XX stock#'s. (e.g.: For a 7" diameter, 40' length stock# would be QTY 40 of 7VG-XX). Maximum length of 150' for 3" - 9" diameter custom orders and 25' for 10"-12" diameter custom orders. Must be ordered in 10' increments.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	3VG-XX	810001826	8"	8VG-XX	810001868
4"	4VG-XX	810001834	9"	9VG-XX	810001877
5"	5VG-XX	810001842	10"	10VG-XX	810001884
6"	6VG-XX	810001851	11"	11VG-XX	810001891
7"	7VG-XX	810001860	12"	12VG-XX	810001900

Coupler
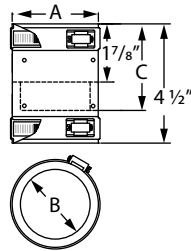
Use as a drip free connection between two sections of liner.

SIZE	VFT		VG		A	B	C
	ORDER #	STOCK #	ORDER #	STOCK #			
3"	3VFT-C	810001616	3VG-C	810001827	3 ⅗"	3"	3 ½"
4"	4VFT-C	810001632	4VG-C	810001835	4 ⅜"	3 ¾"	3 ½"
5"	5VFT-C	810001651	5VG-C	810001843	5 ⅜"	4 ¾"	3 ½"
5 ½"	55VFT-C	810006019	--	--	5¾"	4 ⅞"	3 ½"
6"	6VFT-C	810001684	6VG-C	810001852	6 5⁄12"	5 ⅘"	3 ½"
7"	7VFT-C	810001715	7VG-C	810001861	7 ½"	6 9⁄10"	3 ½"
8"	8VFT-C	810001739	8VG-C	810001869	8 5⁄12"	7 ⅘"	3 ½"
9"	9VFT-C	810001764	9VG-C	810001878	9 ⅜"	8 ¾"	3 ⅝"
10"	10VFT-C	810001779	10VG-C	810001885	10 ⅜"	9 ¾"	3 ⅝"
11"	11VFT-C	810001796	11VG-C	810001892	11 ½"	10 ⅞"	3 ⅝"
12"	12VFT-C	810001809	12VG-C	810001901	12 3⁄10"	11 11⁄16"	3 ⅝"

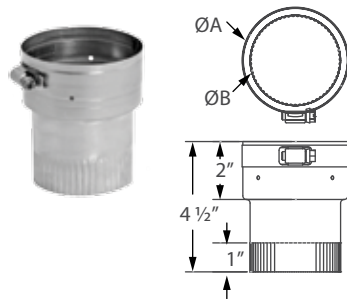## 4" Ventinox Short Body Tee w/ 3" Branch

Used to connect flex to pellet insert. Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of a pellet appliance. Transition from 3" PelletVent to 4" Ventinox Chimney Liner. Tee is 9" tall. Comes with Clean-Out Cap.
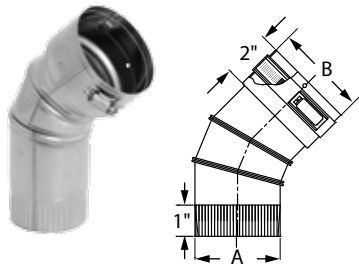
SIZE	ORDER #	STOCK #
4"	4VFT-PVTS	810001640

Sleeve

Use to connect a liner into an appliance flue collar.

SIZE	VFT		VG		A	B
	ORDER #	STOCK #	ORDER #	STOCK #		
3"	3VFT-S	810001617	3VG-S	810001828	3 ⅓"	3"
4"	4VFT-S	810001633	4VG-S	810001836	4 ⅓"	4"
5"	5VFT-S	810001652	5VG-S	810001844	5 ⅓"	5"
5 ½"	55VFT-S	810001670	--	--	5 ¾"	6"
6"	6VFT-S	810001685	6VG-S	810006180	6 ⅓"	6"
7"	7VFT-S	810001716	7VG-S	810001862	7 ½"	7"
8"	8VFT-S	810001740	8VG-S	810001870	8 ³⁄₁₀"	8"
9'	9VFT-S	810001765	9VG-S	810001879	9 ³⁄₁₀"	9"
10"	10VFT-S	810001780	10VG-S	810001886	10 ³⁄₁₀"	10"
11"	11VFT-S	810001797	11VG-S	810001893	11 ½"	11"
12"	12VFT-S	810001810	12VG-S	810001902	12 ¼"	12"

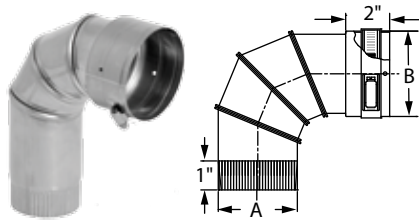## 45° Adjustable Elbow

Use as a straight or up to 45° connection between liner and appliance flue collar.

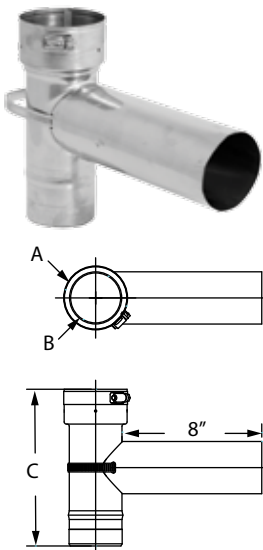| SIZE	VFT		VG		A	B
	ORDER #	STOCK #	ORDER #	STOCK #		
3"	3VFT-E45	810001618	3VG-E45	810001829	3"	3 ⅓"
4"	4VFT-E45	810001634	4VG-E45	810001837	4"	4 ⅓"
5"	5VFT-E45	810001653	5VG-E45	810001845	5"	5 ⅓"
5 ½"	55VFT-E45	810006020	--	--	6"	5 ¾"
6"	6VFT-E45	810001686	6VG-E45	810001854	6"	6 ⅓"
7"	7VFT-E45	810001717	7VG-E45	810001863	7"	7 ½"
8"	8VFT-E45	810001741	8VG-E45	810001871	8"	8 ³⁄₁₀"
9'	9VFT-E45	810001766	9VG-E45	810001880	9"	9 ³⁄₁₀"
10"	10VFT-E45	810001781	10VG-E45	810001887	10"	10 ³⁄₁₀"
11"	11VFT-E45	810001798	11VG-E45	810001894	11"	11 ½"
12"	12VFT-E45	810001811	12VG-E45	810001903	12"	12 ¼"

90° Adjustable Elbow

Use as a straight or up to 90° connection between liner and appliance flue collar.

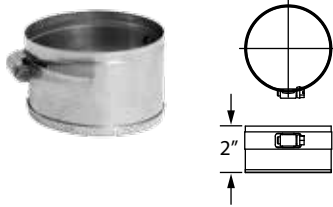| SIZE	VFT		VG		A	B
	ORDER #	STOCK #	ORDER #	STOCK #		
3″	3VFT-E90	810001619	3VG-E90	810001830	3″	3 ⅓″
4″	4VFT-E90	810001635	4VG-E90	810001838	4″	4 ⅓″
5″	5VFT-E90	810001654	5VG-E90	810001846	5″	5 ⅓″
5 ½″	55VFT-E90	810006021	--	--	6″	5 ¾″
6″	6VFT-E90	810001687	6VG-E90	810001855	6″	6 ⅓″
7″	7VFT-E90	810001718	7VG-E90	810001864	7″	7 ½″
8″	8VFT-E90	810001742	8VG-E90	810001872	8″	8 ³⁄₁₀″
9′	9VFT-E90	810001767	9VG-E90	810001881	9″	9 ³⁄₁₀″
10″	10VFT-E90	810001782	10VG-E90	810001888	10″	10 ³⁄₁₀″
11″	11VFT-E90	810001799	11VG-E90	810001895	11″	11 ½″
12″	12VFT-E90	810001812	12VG-E90	810001904	12″	12 ¼″

Tee w/ Removable Snout

Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of a heater. Removable Snout with internal draw band allows for easier, through the wall thimble installation. 5 ½″ diameter has a 6″ branch.

SIZE	VFT		VG		A	B	C
	ORDER #	STOCK #	ORDER #	STOCK #			
3″	3VFT-TRS	810001620	3VG-TRS	810001831	3 ⅗″	3″	9″
4″	4VFT-TRS	810001636	4VG-TRS	810001839	4 ⅜″	4″	10″
5″	5VFT-TRS	810001655	5VG-TRS	810001847	5 ⅜″	5 ¼″	10 ½″
5 ½″	55VFT-TRS	810006027	--	--	5 ¾″	5 ⅝″	12″
6″	6VFT-TRS	810001688	6VG-TRS	810001856	6 ⅜″	6 ²⁄₉″	12″
7″	7VFT-TRS	810001719	7VG-TRS	810001865	7 ⁹⁄₁₆″	7 ⅖″	13 ½″
8″	8VFT-TRS	810001743	8VG-TRS	810001873	8 ½″	8 ½″	14 ½″
9″	9VFT-TRS	810001768	9VG-TRS	810001882	9 ½″	9 ⅕″	15 ½″
10″	10VFT-TRS	810001783	10VG-TRS	810001889	10 ³⁄₁₀″	10 ⅕″	16 ½″
11″	11VFT-TRS	810001800	11VG-TRS	810001896	11 ½″	11″	17 ½″
12″	12VFT-TRS	810001813	12VG-TRS	810001905	12 ¼″	12″	18″

Tee Cover

Attach to bottom of tee body. Provides access for cleaning.

SIZE	VFT		VG	
	ORDER #	STOCK #	ORDER #	STOCK #
3"	3VFT-TCV	810001621	3VG-TCV	810001832
4"	4VFT-TCV	810001637	4VG-TCV	810001840
5"	5VFT-TCV	810001656	5VG-TCV	810001848
5 ½"	55VFT-TCV	810006026	--	--
6"	6VFT-TCV	810001689	6VG-TCV	810001857
7"	7VFT-TCV	810001720	7VG-TCV	810001866
8"	8VFT-TCV	810001744	8VG-TCV	810001874
9'	9VFT-TCV	810001769	9VG-TCV	810001883
10"	10VFT-TCV	810001784	10VG-TCV	810001890
11"	11VFT-TCV	810001801	11VG-TCV	810001897
12"	12VFT-TCV	810001814	12VG-TCV	810001906

2"
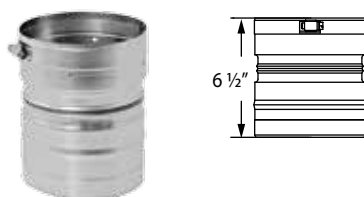
VFT Long Tee Snout
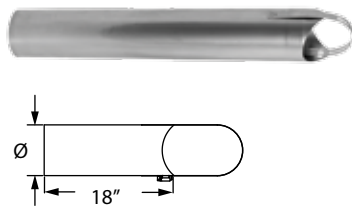
Use to increase reach through masonry at wall thimble.

SIZE	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	3VFT-TLS	810001622	8"	8VFT-TLS	810001745
4"	4VFT-TLS	810001638	9'	9VFT-TLS	810001770
5"	5VFT-TLS	810001657	10"	10VFT-TLS	810001785
6"	6VFT-TLS	810001690	11"	11VFT-TLS	810001802
7"	7VFT-TLS	810001721	12"	12VFT-TLS	810001815

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18"
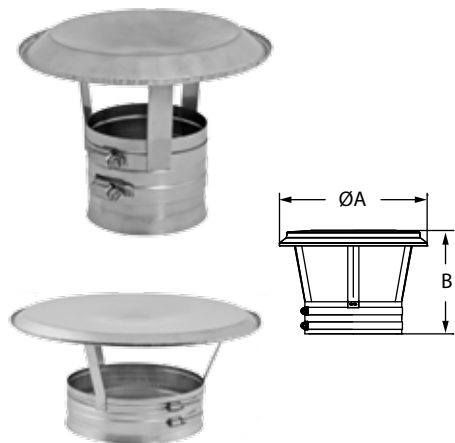
Swivel Tee Adapter

Use as connector between liner and Tee. Allows tee body to be rotated at wall thimble.

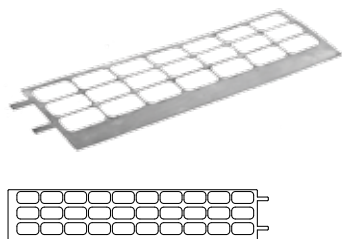| SIZE	ORDER #	STOCK #
5"	5VFT-ADST	810001658
6"	6VFT-ADST	810001691
7"	7VFT-ADST	810001722
8"	8VFT-ADST	810001746

6 ½"

Rain Cap w/ Storm Collar

Use to support liner from the top and form a seal between the Storm Collar and the Top Plate. Top is removable for easy access to chimney cleaning. Top photo shows 3"-8" diameter style, bottom photo 9"-12" diameters.

SIZE	ORDER #	STOCK #	A	B
3"	3VFT-RCSC	810001623	8"	5"
4"	4VFT-RCSC	810001641	8"	5"
5"	5VFT-RCSC	810001659	11"	6"
5 ½"	55VFT-RCSC	810001675	--	--
6"	6VFT-RCSC	810001692	11"	6"
7"	7VFT-RCSC	810001723	15"	6"
8"	8VFT-RCSC	810001747	15"	6"
9'	9VFT-RCSC	810001771	--	6"
10"	10VFT-RCSC	810001786	--	6"
11"	11VFT-RCSC	810001803	--	6"
12"	12VFT-RCSC	810001816	--	6"

Bird Screen

Use to add a bird screen to a standard Rain Cap.

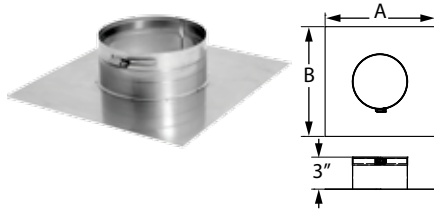| SIZE	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	3VFT-BS	810001624	8"	8VFT-BS	810001749
4"	4VFT-BS	810001642	9'	9VFT-BS	810001772
5"	5VFT-BS	810001661	10"	10VFT-BS	810001787
5 ½"	55VFT-BS	810006024	11"	11VFT-BS	810001804
6"	6VFT-BS	810001694	12"	12VFT-BS	810001817
7"	7VFT-BS	810001725			

Top Cover Plate
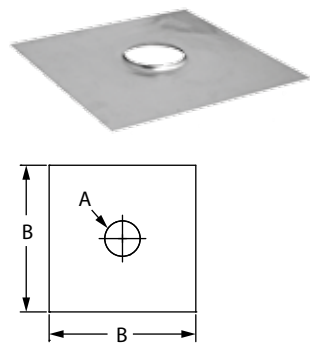
Use to close the top of a masonry chimney and to provide support for the liner.

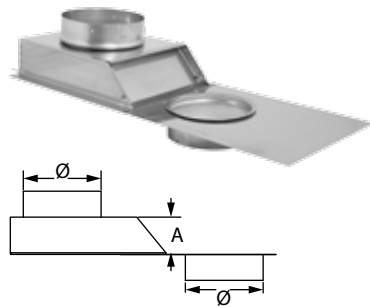| SIZE	ORDER #	STOCK #	A	B
3"	3VFT-TP	810001625	3 ³⁄₁₀"	16"
4"	4VFT-TP	810001643	4 ³⁄₁₀"	16"
5"	5VFT-TP	810001662	5 ³⁄₁₀"	16"
5 ½"	55VFT-TP	810001677	5 ⅘"	16"
6"	6VFT-TP	810001695	6 ³⁄₁₀"	16"
7"	7VFT-TP	810001726	7 ³⁄₁₀"	16"
8"	8VFT-TP	810001750	8 ³⁄₁₀"	16"
9'	9VFT-TP	810001773	9 ³⁄₁₀"	18"
10"	10VFT-TP	810001788	10 ³⁄₁₀"	18"
11"	11VFT-TP	810001805	11 ³⁄₁₀"	18"
12"	12VFT-TP	810001818	12 ³⁄₁₀"	18"

Bottom Plate w/ Collar

Attach to bottom of liner in the smoke chamber of a fire place, then pull up to form a seal between the liner and clay tile.

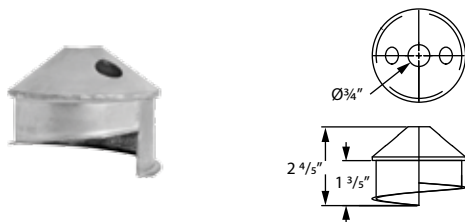| SIZE	ORDER #	STOCK #	A x B
6"	6VFT-BP	810001696	12" x 13"
7"	7VFT-BP	810001727	12" x 13"
8"	8VFT-BP	810001751	12" x 13"
9'	9VFT-BP	810001774	14" x 16"

Offset Slide Adapter

Use as a horizontally adjustable connector between a liner and top flue outlet of a heater. Adds up to 5" of offset.

SIZE	ORDER #	STOCK #	A
6"	6VFT-ADSL	810001697	2 ¾"
8"	8VFT-ADSL	810001752	3 ¼"

Installation Cone

Use with a rope to pull liner through offsets in masonry chimney. Twists into liner.

SIZE	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
3"	3VFT-IC	810001626	8"	8VFT-IC	810001758
4"	4VFT-IC	810001644	9"	9VFT-IC	810001776
5"	5VFT-IC	810001663	10"	10VFT-IC	810001791
5½"	55VFT-IC	810006022	11"	11VFT-IC	810001807
6"	6VFT-IC	810001702	12"	12VFT-IC	810001819
7"	7VFT-IC	810001729			

Round-To-Oval Flex Connector

Use to connect round portion of this connector to round liner. Oval portion of connector fits through fireplace dampers.

| SIZE	ORDER #	STOCK #
6" x 48"	6VFT-48ROFC	810001705
6" x 57"	6VFT-57ROFC	810001706
7" x 57"	7VFT-57ROFC	810001732
8" x 48"	8VFT-48ROFC	810001761
8" x 57"	8VFT-57ROFC	810001762
10" x 57"	10VFT-57ROFC	810001794

Oval Flex Connector

Use as a flex connector between the top of a fireplace insert and the bottom of a clay tile. See kits for details.

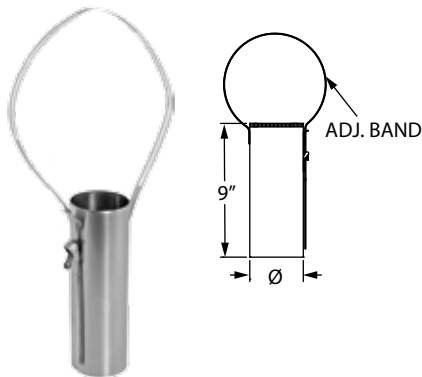| SIZE	ORDER #	STOCK #	LENGTH	ORDER #	STOCK #
6" x 48"	6VFT-480FC	810001703	8" x 57"	8VFT-570FC	810001760
6" x 57"	6VFT-570FC	810001704	9" x 48"	9VFT-480FC	810001777
7" x 48"	7VFT-480FC	810001730	10" x 48"	10VFT-480FC	810001792
7" x 57"	7VFT-570FC	810001731	10" x 57"	10VFT-570FC	810001793
8" x 48"	8VFT-480FC	810001759			

Sealing Kits
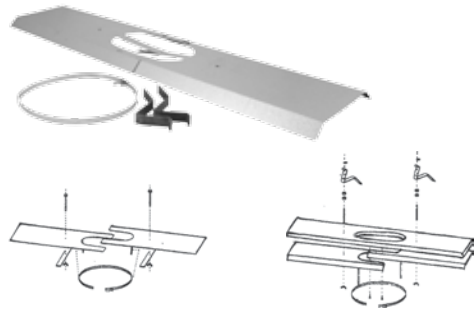
VSK Damper Sealing Kit   VCK Connector Sealing Kit

Use to seal damper. The VSK Damper Sealing Kit rests on top of the fireplace damper frame and seals the area around the Oval Flex Connector. Kit includes 2 panels, cross-bars to tighten against the damper frame for a secure fit and wing nuts. Fits up to 49" wide dampers. The VCK Connector Sealing Kit fits underneath the damper frame and seals the area around the Oval Flex Connector. Kit includes 2 plates, an insulation panel, support bars with hardware, connector and wing nuts. First up to 48" wide dampers. Each sealing kit is universal for diameters 6" - 10".

SIZE	ORDER #	STOCK #
6"-10"	6VFT-VSK	810001610
6"-10"	6VFT-VCK	810001609

VG Universal Take-off

ADJ. BAND

9"

Ø

Use to connect additional appliances into a common vent.

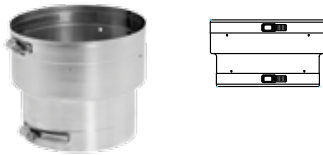| SIZE	ORDER #	STOCK #
3"	3VG-UTO	810001833
4"	4VG-UTO	810001841
5"	5VG-UTO	810001849
6"	6VG-UTO	810001858

3"- 4" Pellet Step Increaser

Use to connect 4" diameter Ventinox flex to a 3" diameter pellet insert.

SIZE	ORDER #	STOCK #
4"	3VFT-X4	810001645

VG Increaser/Reducer

Use to increase or decrease vent diameters . Additional sizes available through special order.

SIZE	ORDER #	STOCK #
6" - 5"	5VG-X6	810001850
7" - 8"	7VG-X8	810001867
9" - 8"	8VG-X9	810001875
7" - 6"	7VG-X6	810001859

Round Insert Boot
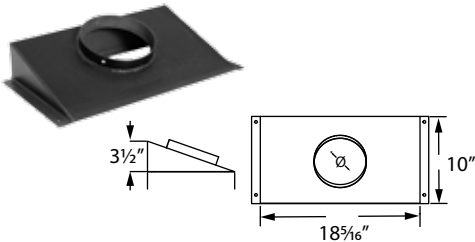
Use to connect inserts with either rectangular or round flue collars to 6" or 8" liners. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #
6 ½"	6VFT-RB	810001698
8 ½"	8VFT-RB	810001753

3½"

10"

18⁵⁄₁₆"
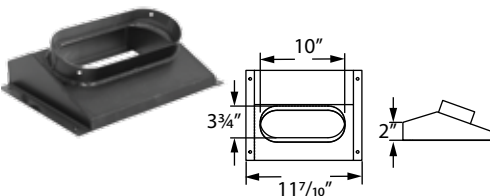
Oval Insert Boot

Use to connect inserts with 5" to 8" round flue collars to 8" Oval Flex Connectors. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #
8"	8VG-OB	810001876

10"

3¾"

2"

11⁷⁄₁₀"

Oval Adjustable Insert Boot

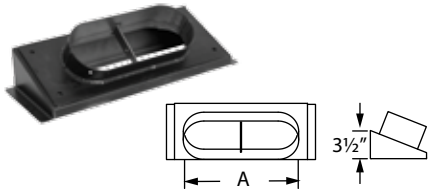Use to connect inserts with rectangular flue outlets to Oval Flex Connectors. Top plate can point straight up or back towards the damper. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #	A
8"	8VFT-OB	810001754	11"
10"	10VFT-OB	810001789	14"

Round-To-Oval Adapter

Use as a drip-free connection between a oval liner and Round Flex Connector.

SIZE	ORDER #	STOCK #
6" x 6"	6VFT-6ADRO	810001699
6" x 7"	6VFT-X7ADRO	810001700
6" x 8"	6VFT-X8ADRO	810001701
7" x 8"	7VFT-X8ADRO	810001728
8" x 8"	8VFT-8ADRO	810001755
8" x 9"	8VFT-X9ADRO	810001756
8" x 10"	8VFT-X10ADRO	810001757
9" x 10"	9VFT-X10ADRO	810001775
10" x 10"	10VFT-10ADRO	810001790

Oval-To-Round Adapter

Use as a drip-free connection between a round liner and Oval Flex Connector.

SIZE	ORDER #	STOCK #
6" x 6"	6VFT-6ADOR	810001707
7" x 7"	7VFT-7ADOR	810001733
6" x 7" 30° ANGLE	6VFT-X7ADOR30	810001708
6" x 7"	6VFT-X7ADOR	810001709

Ventinox® Rigid

Lengths

Five standard lengths of 6, 12, 24, 36 and 48 inches are available. They can be assembled easily to construct a chimney liner of the required height. Available in 5", 6", 7" and 8" I.D.

SIZE	LENGTH	ORDER #	STOCK #	SIZE	LENGTH	ORDER #	STOCK #
5	6	5VRT-06	810012711	7	6	7VRT-06	810012756
5	12	5VRT-12	810012712	7	12	7VRT-12	810012757
5	24	5VRT-24	810012713	7	24	7VRT-24	810012758
5	36	5VRT-36	810012714	7	36	7VRT-36	810012759
5	48	5VRT-48	810012715	7	48	7VRT-48	810012760
6	6	6VRT-06	810012732	8	6	8VRT-06	810012780
6	12	6VRT-12	810012733	8	12	8VRT-12	810012781
6	24	6VRT-24	810012734	8	24	8VRT-24	810012782
6	36	6VRT-36	810012735	8	32	8VRT-36	810012783
6	48	6VRT-48	810012736	8	48	8VRT-48	810012784

Adjustable Length

Adjustable length makes it possible to adjust the liner to the required height. Telescoping from 7 to 11 inches (17.7 to 27.9 cm).

SIZE	ORDER #	STOCK #
5	5VRT-12A	810012716
6	6VRT-12A	810012737
7	7VRT-12A	810012761
8	8VRT-12A	810012785

Flexible Length

Used for offsets where it is difficult to install rigid liner elbows. Made of 304 type stainless steel. The flexible length must be attached to male and female adaptors. (Adaptors sold separately).

SIZE	ORDER #	STOCK #
5	5VRT-FLEX	810012728
6	6VRT-FLEX	810012750
7	7VRT-FLEX	810012761
8	8VRT-FLEX	810012761

Adaptor for Flexible Pipe

Used to connect flexible lengths to rigid parts. (Sold separately).

SIZE	Male		Female	
	ORDER #	STOCK #	ORDER #	STOCK #
5"	5VRT-ADFM	810012726	5VRT-ADFFv	810012727
6"	6VRT-ADFM	810012748	6VRT-ADFF	810012749
7"	7VRT-ADFM	810012772	7VRT-ADFF	810012772
8"	8VRT-ADFM	810012796	8VRT-ADFF	810012796

Split Base Tee

As the width of a masonry chimney is often restricted to a minimum, our split base tee features a removable snout. The snout is fastened to the other section of the tee from the inside of the flue. The tee cap is not included.

SIZE	ORDER #	STOCK #
5	5VRT-T	810012717
6	6VRT-T	810012717
7	7VRT-T	810012761
8	8VRT-T	810012761

Twist-Lock Tee Cap

As the width of a masonry chimney is often restricted to a minimum, our split base tee features a removable snout. The snout is fastened to the other section of the tee from the inside of the flue. The tee cap is not included.

SIZE	LTC	
	ORDER #	STOCK #
5"	5VRT-TC	810012718
6"	6VRT-TC	810012739
7"	7VRT-TC	810012763
8"	8VRT-TC	810012787

Elbows

Used to offset the liner. Available in 30°, 45°, and 90°.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
5	5VRT-E30	810012719	7	7VRT-E30	810012764
5	5VRT-E45	810012720	7	7VRT-E45	810012765
5	5VRT-E90	810012721	7	7VRT-E90	810012766
6	6VRT-E30	810012740	8	8VRT-E30	810012788
6	6VRT-E45	810012741	8	8VRT-E45	810012789
6	6VRT-E90	810012742	8	8VRT-E90	810012790

Reducer and Increaser Lengths

Required to adapt the liner to smaller or larger flue diameters.

SIZE	Reducer		Increaser	
	ORDER #	STOCK #	ORDER #	STOCK #
5"	--	--	5VRT-X6	810012730
6"	6VRT-X5	810012754	6VRT-X7	810012753
7"	7VRT-X6	810012778	7VRT-X8	810012777
8"	8VRT-X7	810012801	- -	--

Masonry Adaptor

Designed for use at the indoor exit of the masonry chimney, it comes complete with decorative collar and connects with the stove pipe.

SIZE	ORDER #	STOCK #
5	5VRT-MTSC	810012729
6	6VRT-MTSC	810012751
7	7VRT-MTSC	810012775
8	8VRT-MTSC	810012799

Adjustable Insulated Wall Thimble

Designed to cross a combustible wall adjacent to a masonry chimney. The wall radiation shield must be adjusted to the wall of the masonry. This shield can be adjusted from 6 to 12 inches. Available in 6", 7" and 8".

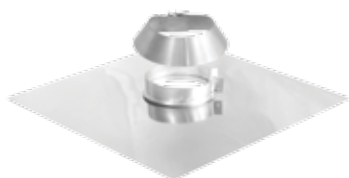| SIZE	ORDER #	STOCK #
6	6VRT-WTI	810012752
7	7VRT-WTI	810012752
8	8VRT-WTI	810012800

Flashing

Its ingenious design allows for thermal expansion. Available in galvalume or stainless steel. Collar can be sold separately.

| SIZE	Galvalume		Stainless Steel		Collar	
	ORDER #	STOCK #	ORDER #	STOCK #	ORDER #	STOCK #
5	5VRT-FF	810012722	5VRT-FF-SS	810012723	--	--
6	6VRT-FF	810012743	6VRT-FF-SS	810012744	6VRT-SC	810012745
7	7VRT-FF	810012767	7VRT-FF-SS	810012768	7VRT-SC	810012769
8	8VRT-FF	810012791	8VRT-FF-SS	810012792	8VRT-SC	810012793

Support Assembly

Used to support the liner from the chimney allowing space for thermal expansion. Made of stainless steel (type 304); it includes a support collar locking around the flue, and a storm collar to ensure a watertight seal.

SIZE	ORDER #	STOCK #
5	5VRT-SAO	810012793
6	6VRT-SAO	810012746
7	6VRT-SAO	810012770
8	8VRT-SAO	810012794

Interior Support
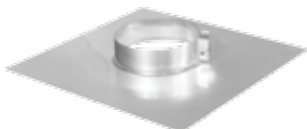
Supports the liner from the inside installations with deviation and includes a support collar locking around the flue.

SIZE	ORDER #	STOCK #
5	5VRT-SAI	810012725
6	6VRT-SAI	810012747
7	7VRT-SAI	810012771
8	8VRT-SAI	810012795

Deluxe Rain Cap

An essential finishing part, its efficient design minimizes the introduction of snow or rain without reducing the required draft.

SIZE	ORDER #	STOCK #
5"	5VRT-RC	810012731
6"	6VRT-RC	810012755
7"	7VRT-RC	810012779
8"	8VRT-RC	810012802

Insulation

TherMix

Use to fill space between a liner and inside masonry chimney. Ready-mix formula cures into lightweight. Semi hard mass that insulates the liner and dissipates the intense heat created in a chimney fire.

*Use Table 1 to estimate the number of TherMix bags or boxes needed to do the job.
• Find the flue opening that comes closest to the one being lined, the left hand column.
• Find the size of the liner to be installed across the top line.
• Where the values intersect, read the cubic foot volume of TherMix per foot of chimney height.
• Multiply this volume by the height (in feet) of the chimney.
• Divide the cubic feet calculated in the previous step by 3.25. This answer will determine the number of bags/boxes of TherMix needed.

SIZE	ORDER #	STOCK #
BAG	RNS-TMG	810001820
BOX	RNS-TMX	810001821

Example:
A 28' chimney with a flue opening of 8.5" x 8.5" is to be lined with a 6" liner. As shown in Table 1, .30ft^3 of TherMix is needed per foot of chimney height. Multiply .30 by 28 (the height of the chimney), to get 8.4ft^3. Now divide 8.4 by 3.25 (the approximate volume yield per bag of TherMix), to obtain 2.6 bags/boxes of TherMix to complete the installation.
*Masonry chimneys are not uniform structures. Have extra bags/boxes available in case you need them. If there is an installation not covered by table 1, refer to the formula below:

$$\text{Packages of TherMix} = \frac{(W" \times D" \times H") - (CS \times H")}{1728 \text{ cu. in.}} \div 3.25$$

W = Width of flue opening (in inches)
D = Depth of flue opening (in inches)
H = Height of flue (in inches)
CS = Cross Section areas of chimney liner (table 2)

TABLE 1: THERMIX VOLUME PER ONE FOOT OF CHIMNEY HEIGHT

Flue Opening	Diameter of Liner					
	5"	6"	7"	8"	10"	12"
7.5" x 7.5"	.25	.20	- -	- -	- -	- -
7.5" x 11.5"	.46	.40	(Ovalized) .38	(Ovalized) .32	- -	- -
8.5" x 8.5"	.36	.30	.23	- -	- -	- -
8.5" x 11.5"	.54	.48	.41	(Ovalized) .36	(Ovalized) .33	- -
9.5" x 9.5"	.49	.43	.36	.27	- -	- -
11.5" x 11.5"	.78	.72	.65	.60	.37	- -
11.5" x 16.5"	1.18	1.12	1.05	.96	.77	- -
12.5" x 12.5"	.95	.88	.82	.73	.53	- -
14.5" x 14.5"	1.30	1.26	1.20	1.10	.92	.65
14.5" x 18.5"	1.70	1.66	1.60	1.50	1.30	1.04

TABLE 2: CROSS SECTION AREA OF LINER

Liner Size	CS Area		Oval Liner Size	Oval Dimensions	CS Area
Round 5"	19.62in2				
Round 6"	28.46in2		Oval 6"	(4.2" x 7.2")	24.60in2
Round 7"	38.46in2		Oval 7"	(4.2" x 9.1")	32.20in2
Round 8"	50.25in2		Oval 8"	(4.2 x 10.3")	37.20in2
Round 9"	62.50in2				
Round 10"	78.50in2		Oval 10"	(4.2" x 13.3")	49.50in2
Round 12"	113.22in2				

ProFoil

Use as insulator for stainless steel liners in masonry chimneys. UL Listed insulation. Size is based on vent diameter.

Required to insulate stainless steel liner to meet UL 1777 when proper clearances to chimney and framing are not available. 1" clearance from SS liner to interior wall of the masonry chimney and 1" clearance from the masonry to the house framing are required in order to meet UL 1777. If you do not have either of these clearances then a ½" wrap is required. If these two clearances are available then no insulation is needed. AluFoil Tape and ProMesh required.

SIZE	FITS ⌀	THICKNESS	ORDER #	STOCK #
22"x25'	5"-5½"	½"	56RNS-PFB22X25	810001822
24"x25'	6"	½"	7RNS-PFB24X25	810001823
29"x25'	7"	½"	8RNS-PFB29X25	810001824
48"x25'	8"-12"	½"	912RNS-PFB48X25	810001825

DOUBLE WRAPPING ¼" PROFOIL		
ProFoil Size	Single Wrap Liner Size	Double Wrap Liner Size
22"x 25"	3"-6"	3"-5"
24"x 25"	7"	6"
29"x 25"	8"	7"-8"
48"x 25"	9"-12"	9"-12"

AluFoil Tape

Use to seal seams of ProFoil insulation. 2 mil aluminum foil tape has strength and adhesion.

SIZE	ORDER #	STOCK #
3" x 150'	RNS-ALF	810002486

ProMesh

Use to protect the ProFoil during installation. 304 stainless steel mesh slides over insulated liner. Shrinks to fit liner when pulled length-wise.

SIZE	ORDER #	STOCK #	LENGTH
SM 3"-6"⌀	RNS-PM1	810012553	25'
LG 7"-9"⌀	RNS-PM2	810012554	25'
XLG 10"-12"⌀	RNS-PM3	810012555	25'