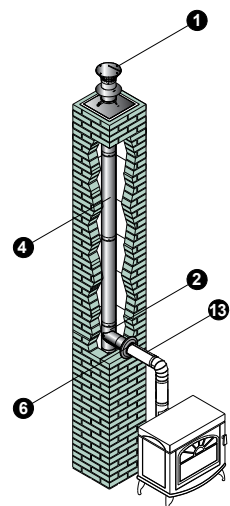


Installation

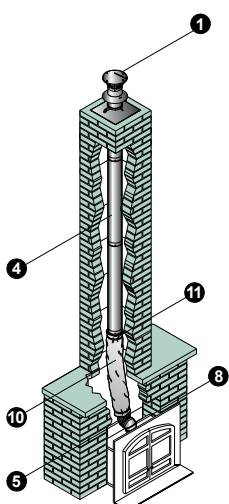
Typical Installations

How To Plan Your Installation

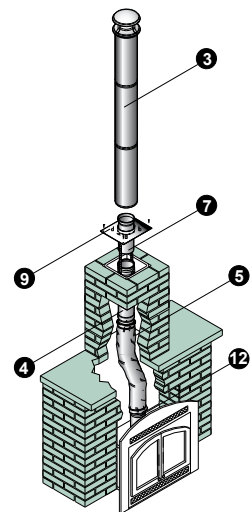
Step 1.	Refer to the Typical Installations for the needed parts for installation.
Step 2.	The size of the liner should match the outlet size on the appliance.
Step 3.	Determine use of round or oval pipe based on the interior shape of the chimney.
Step 4.	Determine the length of liner needed. Subtract 1 1/2" overlap per joint on pipe. when using Extend-A-Cap kit, liner must extend 6" above top of the masonry surface.
Step 5.	Make sure the top of the masonry chimney has a leveled surface to insure a proper fit for the Extend-A-Cap or Transition Anchor Plate and to provide a secure, leak-proof installation.
Step 6.	If a free-standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner. Refer to installation instructions.
Step 7.	For Installations using a Transition Anchor Plate, refer to the DuraTech, DuraPlus, or DuraPlus HTC catalog section or installation instructions for proper parts and installation.
Step 8.	Important! Check to be sure the installation complies with all local and national code requirements, including clearance to combustibles. Contact the local building inspector for permit requirements.



Cathedral Ceiling



Oil Furnace



Fireplace

DuraLiner	
1	Extend-A-Cap Kit
2	Round Tee and Round Branch
3	DuraTech or DuraPlus Chimney
4	Rigid length
5	Flexible length
6	Masonry Thimble w/ Slip Connector
7	Slip Connector and Hanger
8	30° or 45° SS Elbow
9	Transition Anchor Plate
10	Two-Ply Insulation Sleeve
11	Insulation Clamp
12	DuraLiner Appliance Connector
13	DVL or DuraBlack Stovepipe

- Refer to our Typical Installation drawings to select the appropriate component parts for your installation
- The inner pipe diameter should match the outlet size of the appliance.
- Check the appliance manufacturer's installation instructions for any venting restrictions.
- Be fire safe! Follow local building codes and have your venting system inspected.

Design Recommendations

The following design recommendations are intended only as a general guideline to assist in the design and selection of liner components for your installation. Always read and follow Simpson Dura-Vent installation instructions enclosed with the cap or support box before installing your chimney system. Installation instructions can be viewed online at www.duravent.com, under Catalogs and Instructions.

Before relining a chimney, it should be cleaned and inspected, by a certified chimney sweep, to verify the integrity of the mortar and masonry.

DuraLiner is approved for 0" clearance between the liner and masonry and 0" clearance between the masonry and combustibles.

DuraLiner is used for wood-burning appliances when zero-clearance or oval pipe is needed.

Refer to the appliance manufacturer for installation requirements affecting venting. Keep the vent path as straight as possible for best performance.

Restore Deteriorating Chimneys with DuraLiner

When a masonry chimney is damaged or has fallen down, it can be replaced with a safe, listed liner system or factory-built chimney. DuraLiner, when used with a Transition Anchor Plate and in combination with DuraTech, DuraPlus, or DuraPlus HTC Chimneys, replaces the damaged masonry chimney with a safe, efficient, and economical listed chimney system (DuraPlus HTC is listed for use in Canada).

See Typical Installations for details.



DuraLiner®
Insulated, double-wall
masonry relining.
UL 1777, ULC S635, and
ULC S640.

DuraLiner®

DuraVent
Member of M&G Group

Engineered Excellence

Applications

DuraLiner is a high-temperature, insulated double-wall masonry relining system for use with appliances fueled by gas, pellet, oil, wood, or coal. It safely protects masonry chimneys from the damaging effects of flue product condensation.

Materials and Construction

.016" 304 stainless steel inner liner. Rigid relining pipe: double-walled with 304 stainless steel inner and galvalume outer. Factory insulated between inner and outer walls.

DuraLiner Rigid Pipe in round or oval, is constructed with built-in fittings and pre-drilled holes (stainless steel rivets included).

Round 5" DuraLiner rigid pipe is constructed with built-in twist-lock and pre-drilled holes.

Clearances

Rigid double wall: 0" clearance between the liner and masonry and 0" clearance between the masonry and combustibles. DuraLiner Flex: 1" clearance to masonry. Zero clearance with insulation.

Diameters

5", 6", & 8".

Listings

UL Listed to UL 1777 (MH14420), ULC Listed to ULC S635 and ULC S640 (CMH1329).



DuraLiner

DuraLiner ensures safe and efficient venting of heating appliances, while protecting the masonry chimney from the damaging effects of flue gas. It is the only factory-insulated product with zero/zero clearance for high heat wood-burning appliances. No need to uncoil flex, insulate a majority of the pipe, or protect the insulation when installing. A smooth inner means less creosote buildup.

Installers reduce labor time by 50% or more with DuraLiner. No time wasted wrapping insulation around liner for UL 1777 approval.

No spacers needed to maintain clearance in tight offsets or dampers. Approved for use in both the USA and in Canada.

Product List

	30° Stove Connector, Round-to-Round Connects stove outlets to round DuraLiner pipe at a 30° angle.
	30° Stove Connector, Oval-to-Oval Connects stove outlets to round DuraLiner pipe at a 30° angle.
	30° Stove Connector, Round-to-Oval Connects stove outlets to oval DuraLiner pipe at a 30° angle.
	Flat Stove Connector, Round Connects stove outlets to round DuraLiner pipe.
	30° and 45° Stainless Steel Elbows, 5"Ø Use as a stove connector to DuraLiner. Single-wall. Twist-lock.
	30° and 45° Stainless Steel Elbows, 6"Ø Use as a stove connector to DuraLiner. Single-wall.
	Round Tee and Round Branch with Cap, 5"Ø Provides connection between Masonry Wall Thimble or stove connector to DuraLiner. Twist-lock.
	Round Tee and Round Branch with Cap, 6"Ø Provides connection between Masonry Wall Thimble or stove connector to DuraLiner.
	Oval Tee and Round Branch with Cap Provides connection between Masonry Wall Thimble or stove connector to DuraLiner.
	6"-5" Reducer Use to reduce flue collar from 6" diameter to 5" diameter.

	Spacer Use to maintain a 1" clearance with flex sections of DuraLiner.
	Adjustable Sleeve Used to connect the tee to the wall thimble or wall pass-through if the masonry wall is thicker than the included adjustable sleeves.
	Masonry Thimble with Slip Connector Penetrates masonry chimney to allow connection of DVL or DuraBlack pipe to DuraLiner.
	Wall Pass Through Connects stovepipe with the masonry chimney when it must pass through a combustible wall.
	Heavy Duty Flex Pipe, 6"Ø Use through damper and smoke shelf area. Available in Round-to-Round, Oval-to-Oval, and Oval-to-Round.
	Round-To-Round Flex Pipe, 5"Ø Use through damper and smoke shelf area.
	Flex Pipe, 6"Ø Use through damper and smoke shelf area. Available in Round-to-Round, Oval-to-Oval, and Oval-to-Round.
	Round-to-Oval Flex Pipe Use as a connector from round stove outlet to oval DuraLiner.
	Round Rigid Pipe, 5"Ø 12", 24", 36", and 48" lengths. Twist-lock.

	Round Rigid Pipe, 6"Ø 12", 24", 36", and 48" lengths.
	Oval Rigid Pipe Insulated. 6" and 8" Diameters. 12", 24", 36" and 48" lengths.
	Twist-Lock Cap Kit, 5"Ø Terminates DuraLiner at the top of the masonry chimney. Includes Base Plate, Support Clamp, Storm Collar, and Cap.
	Extend-A-Cap Kit, 6"Ø Terminates DuraLiner at the top of the masonry chimney. Includes Base Plate, Support Clamp, Storm Collar, and Cap.
	Slip Connector and Hanger Use in chimney restoration to connect DuraLiner pipe to Transition Anchor Plate.
	Transition Anchor Plate Provides easy installation of DuraLiner to DuraTech, DuraPlus or DuraPlus HTC chimney.
	Two-Ply Insulation Sleeve High Temperature insulation blanket for use with DuraFlex SS and DuraLiner Flex above the first flue tile.
	Insulation Clamp Fits round or oval up to 8". Fast and secure fit.

What makes us different from the rest?



DuraLiner: The only factory-insulated, zero clearance product protecting masonry chimneys from damaging flue gas.