

Every day, thousands of chimneys are leaving homeowners at risk. This is because the homeowner is not aware that there is no liner in the chimney, or that the existing clay liner is in such a state of deterioration that carbon monoxide or creosote is leaking through the walls of the chimney into the house. Don't you think it is about time you give your chimney the care it deserves?

Have a Forge Flex Stainless Steel Liner installed today.

Product Information

Forge Flex Stainless Steel Chimney Liner

The Forge Flex Stainless Steel Flexible Chimney Liner is designed to reline existing chimneys or be used as a liner in new construction. The Forge Flex liner is manufactured with a double overlap, crimped seam that leaves the product with an extremely strong finish, and superior flexibility. Using the highest quality, Prime Mill Certified 316L grade alloy steel available today, the Forge Flex liner has an extremely high acid fighting capacity, with excellent heat resistance. Also, since no heat is used during manufacturing, such as with welded seam products, there will be no loss in corrosion resistance that may be caused by direct heating of the stainless steel.

Fully tested and Listed by Underwriters Laboratories to UL 1777 for:



- Wood
- Pellet
- Oil
- Gas
- Coal

The Forge Flex Stainless Steel Liner is backed by a limited lifetime warranty.

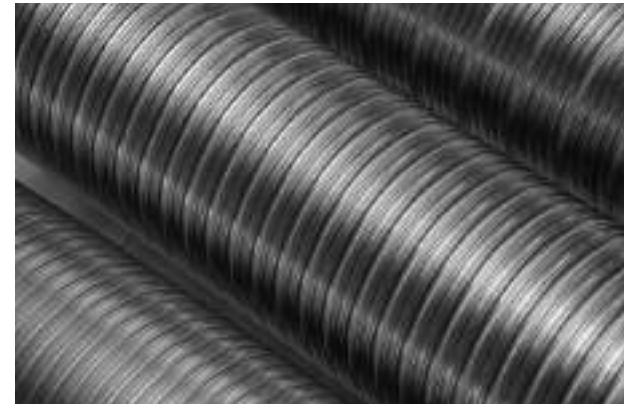
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FORGE FLEX

Flexible Stainless Steel Chimney Liner



Model 316L

The Professionals Choice for
Superior Venting Efficiency

SIGNS OF A DEFECTIVE CHIMNEY LINER

The flue liner is often the most neglected part of the chimney. The terra cotta flue tiles can no longer handle the higher efficiency products that are being manufactured today.

Oil furnaces leave a soot buildup on the walls of the chimney. When this soot mixes with moisture, it forms sulfuric acid which will deteriorate the clay lining system. Gas furnaces, because of the higher efficiency ratings, are producing more condensation than the other models. Even worse, many of the gas furnace installations that have been done were in old oil furnace flues. This combination of a new gas furnace venting into an old oil furnace flue will speed up the deterioration of the clay liner. The deterioration of your flue tiles could result in a blockage at the bottom of the flue from debris or can develop holes in the liner. Either one of the two can cause carbon monoxide poisoning.

In using fireplaces and wood stoves, the formation of creosote is unavoidable, for it is a natural byproduct of burning wood. Almost all wood stoves are manufactured to vent into an area much smaller than most of today's chimney flues. This oversized flue will cause a reduction in the rate that the smoke exits the flue, meaning that it will linger longer, leaving excessive creosote deposits on the flue tiles. Unfortunately, creosote can ignite at 450F, a relatively low temperature considering the gases leaving your fireplace or wood stove averages between 300F and 900F. When creosote does ignite, it causes a chimney fire that can burn at up to 2100F. A chimney fire burning at the temperature will cause the clay tiles to crack or split apart.

If your chimney flue has no tiles, it is very likely that creosote or gases are leaking through the chimney walls and into your house. This leakage can potentially lead to dangerous results, whether a house fire or carbon monoxide poisoning.

With the installation of the Forge Flex Stainless Steel Liner, your chimney will now be able to safely and efficiently vent any appliance that is hooked up to it.

MY CHIMNEY FLUE IS DEFECTIVE. NOW WHAT?

The most important aspect of relining a chimney is the installation of a properly sized liner. This will ensure a good draft by preventing the expansion and cooling of the flue gases. The amount of water vapor in the flue gases cannot be eliminated, but by having a properly sized liner, it will reduce the amount of condensation and creosote formation that is present in your flue. Also, while some installations do not require insulation of the liner, having the liner insulated with thermal mix, which is a poured insulation mixture, or thermal wrap, which is a ceramic wool blanket, will help create a steady draft and allow for a zero clearance installation. By having your chimney relined with the Forge Flex 316L Stainless Steel Liner, you will not only increase the efficiency of your fuel burning appliance, but most importantly, you can rest assured that your chimney is safe for use.



A THERMAL MIX INSULATED FORGE FLEX LINER

BENEFITS OF THE FORGE FLEX STAINLESS STEEL LINER

The unique manufacturing system used to make the Forge Flex liner utilizes a continuous strip of stainless steel, interlocked and diagonally crimped to produce a vapor and moisture tight lining system of superior strength and durability. The Forge Flex liner can be formed to negotiate offsets in the chimney, and can be ovalized to custom sizes to fit most installations. The corrugated construction allows for expansion and contraction during the heat up and cool down periods, removing any stress periods, removing any stress in the liner. The Forge Flex liner can be insulated with UL Listed Thermal Mix or with UL Listed Thermal Wrap. Either type of insulation will see UL1777 standards for chimney exteriors with zero clearance to combustibles. Backed with a Lifetime Warranty, a yearly inspection will guarantee that your chimney will be venting safely for many years to come.



A THERMAL WRAP INSULATED FORGE FLEX LINER