

Flexible Aluminum Chimney Liner

Standard Kit (FCLKxxxx) Contains:

- 1 Rain Cap C/W Storm Collar attached
- 1 Chimney Flashing
- 1 Length of Flex
- 1 Coupler C/W Pull Through Strap
- 1 Masonry Sleeve
- 1 Instruction Sheet
- 1 Pkg. 8 Screws #10 x 1/2"
- 1 Warranty Card

This liner is intended for the relining of existing masonry or factory built chimneys venting Natural gas or propane gas appliances. Sizing shall be in accordance with the appliance listings. The high quality, 2 ply aluminum liner is designed to provide an efficient method of exhausting gases in propane or natural gas appliances.

DO NOT USE FOR SOLID OR LIQUID FUEL APPLIANCES.

MAXIMUM TEMPERATURE ALLOWABLE AT DRAFT HOOD IS 245 DEGREES C.

DON PARK CHIMNEY LINERS are the answer to a number of installation problems because of their flexibility and cost effectiveness. Testing of this liner has been done by Underwriters Laboratories in Canada and the USA and bears the label with pride in having met or exceed the test criteria. DON PARK CHIMNEY LINERS must be installed in accordance with the appropriate building codes, NFPA-211 Chapter 5, or the local authority having jurisdiction by a qualified installer.

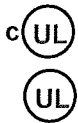
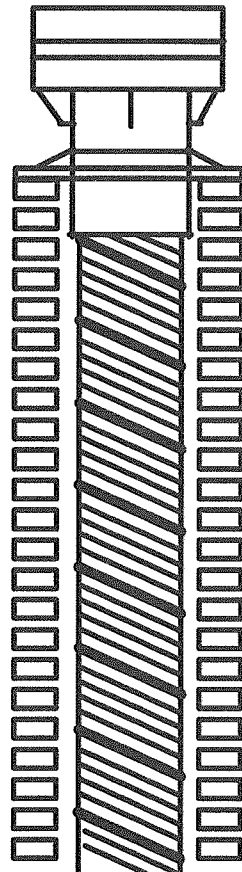
In all cases the minimum requirement is as per the instructions supplied by DON PARK. DON PARK'S comprehensive warranty is subject to the installation having been done by a qualified installer, using only DON PARK supplied components. Acceptance and warranty of lining system is void if the installation instruction is not followed.

NOTE: Correct sizing of a venting system is particularly important when in geographical areas having sustained low ambient temperatures.

NOTE: The installation of the lining system does not, in any way, upgrade the resulting relined system and make it suitable for any applications that require a vent or chimney of a higher temperature handling capability, an alternative fuel, or any other, more severe service that the original chimney or vent in which it is installed.

MAINTENANCE INSTRUCTIONS

1. Inspection shall be done at least annually.
2. The DON PARK LINER SYSTEM must be inspected in accordance with the requirements of the authority having jurisdiction. Such inspecting shall be done by a qualified person to ensure it is free of any debris, there is no damage to components, all connections are sealed as required and that it is connected only to either natural gas or propane appliances that are "listed".
3. To inspect, lift the rain cap and liner free of the flashing, breaking the silicone seal.
4. Unscrew the cap from the liner and do a visual interior inspection of the liner. Should any damage be seen the liner must be replaced.
5. DON PARK LINER SYSTEMS are designed not to require cleaning when used with properly operating listed appliances.
6. Reinstall the cap, liner, flashing as noted in "Installation Instruction."
7. Spark arrestors and spark screens (also used as bird screens) are necessary and/or required in some areas but may be susceptible to blockage through freezing moisture in areas of low ambient temperature. Consult authority having jurisdiction and/or check for freezing during extremely cold ambient conditions.



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Installation Instructions

The LINING STSTEM safety, code compliandy, warranty & performance may be compromised if the installation instructions are not followed.

NOTE: If during inspection, the existing system is not in compliance with applicable building code and/or manufacturer's installation instructions, the liner shall not be installed until appropriate steps have been taken in order to bring the chimney or vent into compliance with the applicable code and/or manufacturer's instructions.

1. When installing the liner, clearances must be maintained. Minimum air space between the interior or exterior masonry chimney and combustibles is "0." When lining an existing factory built chimney the clearances for the factory built chimney shall apply. Do not insulate the area between the liner and flue space with loose materials unless the binder is guaranteed to keep the fibres or particles together and water absorption cannot occur.
2. Inspect the chimney to be lined. If repairs are required, cement lumps need removal or factory built chimney sections need replacement do so prior to start. Any creosote or soot must be removed. The uppermost part of the exterior of the chimney must be made flat and clean so that the flashing can be installed on it later.
3. Remove all items from the carton and check against the list to ensure all parts are ready for your installation.
4. Take the flashing supplied to the chimney top. Centre it on the tile, brick, or mortar and mark as to size. The excess metal is then notched and folded to fit over the sides. If the flashing has no material to fold it can be used provided that it has a minimum of 2-1/2" of contact area on all sides when flat. Remove the flashing and set it aside for the moment.
5. The bottom is prepared by knocking out a hole in the chimney large enough to accept the masonry sleeve. Leave sufficient space for cement to be packed around it.
6. Determine the length of liner needed, allowing an extra 6" minimum for the top connection and sufficient at the bottom to connect to the appliance. This can be done by using rope as a measuring device. The rope will be required later to pull the liner down the chimney.
7. Two persons now stretch the compressed liner to the required length by grasping the liner at each end. Each person then pulls at a steady and equal rate until the desired length is reached, or it begins to ovalize. If it begins to ovalize, it is turned 1/4 turn and a further pull made to gain additional length without damaging the liner. This may be repeated until the liner is fully stretched.
The Liner is NOT to be field ovalized.
8. Once the desired length is obtained attach the coupler/strap with four screws supplied.
9. The pull through is attached to the labelled end of the liner. Tie a rope to the pull strap. Feed the rope and liner down the chimney to a person at the base who directs the pull downward through the masonry sleeve opening. In event of any tightness the process is stopped, the reason determined and corrected, prior to further downward pull of the liner.

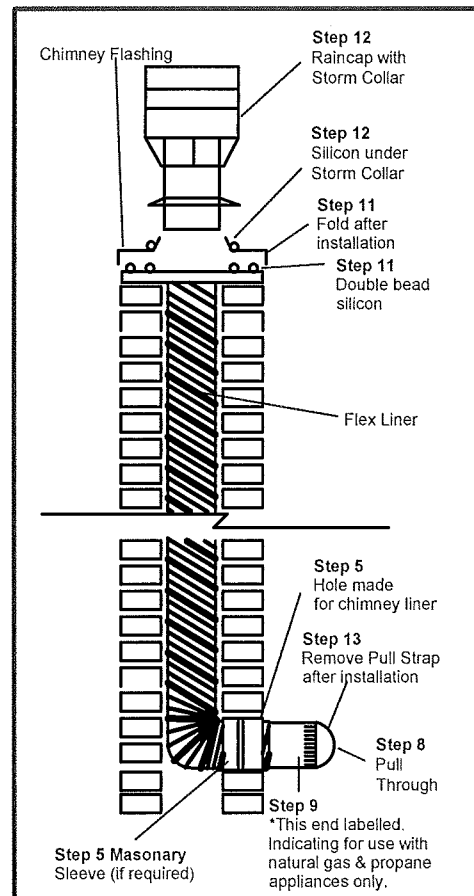
(Note: The liner must be installed label end down.*Seediagram.)

10. Once the liner itself is in place the top end is placed through the flashing and any excess liner is trimmed off. The cap is attached to the liner with four screws provided. A bead of silicone (245°C/470°F) is applied to seal the connection prior to the cap and liner being joined. Each screw top is sealed with silicone after tightening.
11. The flashing is now attached to the chimney. Place a double bead of silicone on the cleaned chimney top. Place the flashing firmly into the silicone, thus fastening it to the chimney.

12. With the flashing installed the cap is set down against the flashing and a line scribed where the storm collar and the flashing make contact. Raise the cap enough to lay down a thick bead of silicone over the scribed line. Press the storm collar into the silicone firmly ensuring that a seal has been formed on the total circumference. Do not fasten or seal the previously connected liner, it is meant to float in the space to allow for expansion and contraction of the metal.
13. With the top part of the installation now completed the bottom is connected. Remove the pull strap from the liner. Place a bead of silicone on the appliance where the flex will be fastened. Place the liner over the silicone and fasten with screws. Place silicone over each of the screws to seal them. If the liner is short a coupler may be installed as follows:

Coupler Installation

Standard DON PARK LINER KITS have a combination coupler and pull through included. This feature ensures that the worker has the facility to pull the liner with a single joint in the system if necessary. To install a joint the two flex pieces are cleaned, a bead of silicone is placed on the inside of the liner, the coupler is pushed into the liner and fastened with four number 10 x 1/2" screws the same as supplied with the kit. This procedure is required for both ends of the connection. Once the screws have been tightened, silicone is placed over the screw heads to ensure a sealed system. Only one joint may be made in a flexible aluminum liner system. Maximum length of any single or joined system is 45ft (13.7m).



INSTALLATION RECORD:

Installer: _____

Address Installed at: _____

Date Installed: _____

Warning: this vent is for use with gas appliances installed with draft hoods (max temp. of flue products at hood outlet of 245 degrees C. - 470 degrees F. Not for use with solid or liquid fuels)