



Applications

FasNSeal and FasNSeal Flex is for use with natural gas or propane Categories II, III and IV appliances or Canada's Type BH Gas Vent Systems, having a maximum rated operating temperature of 480°F and a maximum positive pressure of 6" water column. FasNSeal can be used on a wide range of applications, including: high efficiency gas boilers, furnaces, booster heaters, pool heaters, water heaters, unit heaters, or tankless water heaters.

FasNSeal W2 is ideal for use on commercial applications such as: office buildings, medical facilities, condos, or multiple unit apartment complexes where there is the need for low clearances to combustibles. In residential applications, FasNSeal W2 is the perfect solution for running between floor joists or in walls.

Materials and Construction

FasNSeal

3"-7": AL29-4C .016"
8"-12": AL29-4C .019"
14"-24": AL29-4C .024"

FasNSeal Flex

Single-wall AL29-4C.

FasNSeal W2

3"-6": AL29-4C .016" inner wall, 304 or 430 .016" outer wall.
7": AL29-4C .016" inner wall, 304 or 430 .024" outer wall.
8"-12": AL29-4C .019" inner wall, 304 or 430 .024" outer wall.
14"-24": AL29-4C .024" inner wall, 304 or 430 .024" outer wall.

Diameters

FasNSeal (single- and double-wall)
3"-24"

FasNSeal Flex 3"-12"

Listings

FasNSeal (single- and double-wall)
UL Listed to UL 1738 and ULC S636.

FasNSeal Flex UL Listed to UL 1738 and UL 1777.

UL 1738 and ULC S636 System

FasNSeal

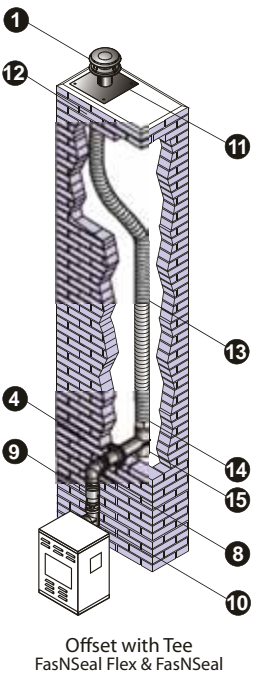
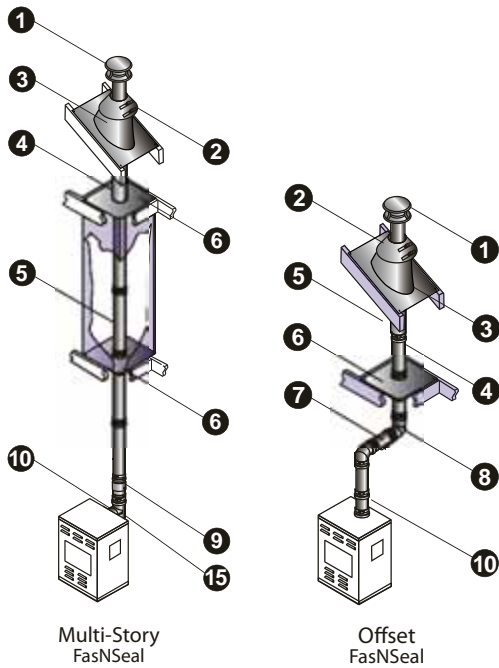
All FasNSeal single- and double-wall vent lengths and components feature patented built-in mechanical locking band and triple-lipped directional gaskets. All pipes and components are engineered with smooth clean welds located 90° from mechanical locking bands. This construction feature allows for ease of installation.

FasNSeal Flex

Made from super-ferritic stainless steel, high corrosion resistance, and manufactured with a sure-seal locking seam; superior strength and flexibility. The smooth inner-wall provides for no output reduction, allowing for full appliance efficiency, ease of cleaning and regular maintenance. The smooth inner wall optimizes gas flow, minimizes back pressure, and facilitates condensate management. Only flexible chimney liner listed to UL 1738 standard.

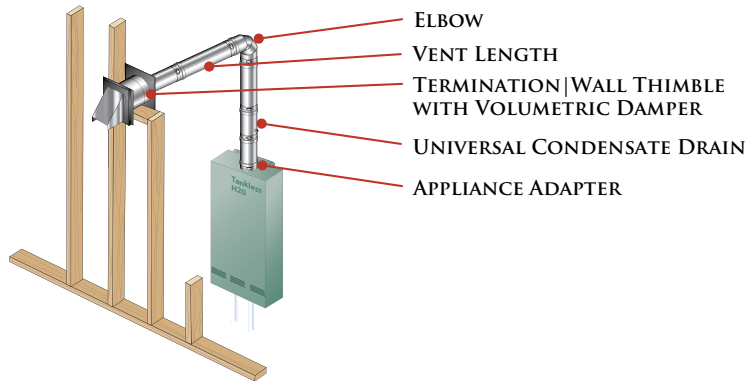


Typical Installations



Installation Key			
1	Rain Cap	9	Universal Condensate Drain
2	Storm Collar	10	Appliance Adapter
3	Variable Pitch Roof Flashing	11	Top Plate
4	Vent Length	12	Male Flex Adapter
5	Adjustable Vent Length	13	FasNSeal Flex
6	Firestop/Flat Flashing	14	Female Flex Adapter
7	Horizontal Drip Tee	15	Standard Tee
8	Elbow		

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



Commercial Applications

Commercial projects may require custom parts and unique system designs. Simpson Dura-Vent, ProTech division offers complete project assistance:

- Engineering Services: Personalized system design services offer comprehensive CAD submittal drawing and complete bills of materials.
- Custom Parts: If your project requires innovative solutions, contact Simpson Dura-Vent's ProTech division for custom parts that meet your specific project needs.
- FasNSeal W2: FasNSeal W2 is the ideal choice for commercial applications where there is a need for low clearances to combustibles.
- Up to 24" Vent Diameters: Many commercial applications require large diameter systems due to the units size and output. Large diameters are available in single and double wall, featuring FasNSeal's triple lipped directional gaskets and built-in locking band which provides a safe and convenient installation.

Clearances Chart

FasNSeal					
Rated Operating Temperatures		Enclosed		Unenclosed	
		Horizontal	Vertical	Horizontal	Vertical
3" - 4"	300°F	Sides: 8"/203.2mm Top: 12"/304.8mm Bottom: 4"/101.6mm	4" 101.6mm	1" 25.4mm	
	149°C			3" 76.2mm	1" 25.4mm
	480°F				
	249°C				
5" - 24"	300°F	Noncombustible Enclosure		3" 76.2mm	3" 76.2mm
	149°C			3" 76.2mm	3" 76.2mm
	480°F				
	249°C				
FasNSeal W2					
Rated Operating Temperatures		Enclosed		Unenclosed	
		Horizontal	Vertical	Horizontal	Vertical
3" - 4"	300°F	3"	1"	1"	1"
	400°F	6"	1"	3"	1"
	480°F	6"	4"	3"	1"
5" - 16"	300°F	3"	1"	1"	1"
	400°F	6"	1"	3"	1"
	480°F	6"	6"	3"	3"
Rated Operating Temperature of 300°F = Max Flue Gas Temperature of 375°F					
Rated Operating Temperature of 480°F = Max Flue Gas Temperature of 550°F					