

TECHNICAL DATA SHEET

Single Wall Flanged Joining Pipe & Fittings

SWFL



PRODUCT LINE

SWFL – Single Wall Flanged Joining Pipe & Fittings

PURPOSE

- The fusion of world-class SWKL Conical Exhaust and USA flanged pressure stack systems.
- Only flange system with continuous overlapping inner, as flange is added to outside of inner pipe.
- Most rugged and easiest to install flange system, yet most reliable as the inner overlap protects the silicone seal against condensate and high-pressure washings.

APPLICATIONS

- Stainless steel all-in-one chimney, vent, or exhaust system for condensing and non-condensing appliances or other units that use high temperatures not exceeding 1400°F continuous (1000°F per UL-103 Listing)
- Applicable for all fuels: gas, oil, and solid fuels including wood.

MATERIALS

- Made of high-grade 316L or 444 stainless steel
 - 0.035" thick for diameters 6"-36"
 - 0.048" thick for diameters 38"-48"
- All supports and accessories are stainless steel



UL and ULC LISTINGS

1. UL-103 Standard, Building Heating Appliance Chimney (Industrial Type 540°C Chimney)
2. UL-1978 Standard, Grease Duct (ULC-S662 Standard for Factory-Built Grease Ducts)
3. UL-1738 Standard, Venting Systems for Gas-Burning Appliances, Categories II, III & IV (ULC-S636 Standard for Type BH Gas Venting Systems)
4. UL-1777 Standard, Chimney Liners (ULC-S605 Standard for Lining Systems for Chimneys)
5. 90" W.C. Pressure Listing for all Applications

CONNECTION/INSTALLATION DETAILS

- Inner connection is a 1.25" conical overlapping joint with added ½" rolled flange and vee band connection
- Supplied sealant is used in the vee band to make seal

FEATURES

- All-stainless with a Limited Lifetime Warranty
- Leak Proof high-pressure joints
- All components are stainless steel
- Smooth flow and known resistance for perfected factory pressure calculations



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SPECIFICATIONS

Diameters	6", 7", 8", 9", 10", 11", 12", 13", 14", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", & 48"
Available Lengths	6", 9", 12", 18", 24", 30", 36", 42", & 48" (or any fixed length between)
Available Fittings	Any elbow or tee, over 80 catalog fittings per each diameter
Available Accessories	All-stainless supports, guides, hangers, adapters – over 25 accessories per each diameter

CONTROLLING DIMENSIONS

- Shows the minimum (and standard) inside gore dimensions for fittings
- Use these dimensions when ordering any special or custom part
- Jeremias encourages custom built items to provide the best solutions to our customers

