

SRGDP-TL means Semi-Rigid-Galvanized-Double Wall with a thermo-laminated membrane. Is an uninsulated semi-rigid galvanized steel ventilation duct designed to be used as a ventilation duct in structural concrete slabs. This patent-pending product has a thermolaminated polymer membrane on its exterior surface to eliminate contact between steel and concrete thereby eliminating the development of corrosion.

SRGDP-TL is manufactured from a double strip of galvanized steel 0.005" longitudinally profiled. The outer strip is contoured and allows the flexible structure of the duct to be created. The inner membrane creates a perfectly smooth surface and is simultaneously assembled into complex 7 facet joints. This seven-facet seal provides a perfect seal at the operating pressure shown in the table below while eliminating water leaks generated by condensation.

- The interior surface of the SRGDP-TL is smoother than all ducts on the market.
- The duct does not deform and thus keeps the circular surface even when it is bent at 90 degrees, limiting the losses of static pressure.
- No screws are required, eliminating debris buildup.
- Sloping installation is possible allowing the elimination of condensation.
- Conduit manufactured in one length without seal eliminating any possibility of water leakage.
- Thermolaminated polymer membrane

SRGDP-TL is easily foldable allowing 90-degree elbows to be formed. This product has a high seal and makes it possible to adapt to all types of systems both in terms of temperatures in heating mode and those in cooling mode.

SRGDP-TL is very robust and resists without warping when installed in a concrete slab.

Bending diameter: 1.5 - 2 times the diameter of the duct

Galvanized steel: 3" - 4" - 5"

Rounding service available on request **Maximum length of 50 "**or custom accepted.

Materials available	Galvanized steel
Flame development*	<0
Smoke development*	<0
Maximum air speed	4000 FT/min
Positive operating pressure in continuous mode	15" of WC
Negative operating pressure in continuous mode	15" of WC
Operating temperature amplitude	- 60 to 75 degree Celsius.
Duct wall thickness	0.01" (0.26mm)



This product meets the standards*
C-UL-S-114

*When the duct is buried in a standard concrete slab

FLIXS VS Rigid Duct:

Comparison of the loss of static pressure as a function of the flow rate of a 30 foot ventilation circuit comprising 3 elbows

