

# FLIXS SRGDP-TLO

## Technical Data

**SRGDP-TLO means Semi-Rigid-Galvanized-Double Wall Ovalized with a thermo-laminated membrane ovalized to 3.5 inches.** FLIXS is an uninsulated semi-rigid galvanized steel ventilation duct designed to be used 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-TLO** 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 joint 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-TLO 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 static loss.
- 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.
- The duct is ovalized at 3,5 inches.

**SRGDP-TLO** 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-TLO** 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:** 4"

**Maximum length of 50 "**or custom accepted

Materials available	Galvanized steel
Flame spread*	<0
Fume development*	<0
Maximum air velocity	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 <sup>0</sup> to 75 <sup>0</sup> Celsius
Duct wall thickness	0.01" (0.26mm)

When the duct is buried in a standard concrete slab



This product is certified:

CAN/ULC S115-18  
ASTM E814-24

**intertek**  
Total Quality. Assured.

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