

FLEXIBLE DUCT



www.gpspira.com



GP SPIRA
DUCT PVT. LTD.

GP Spira Duct Pvt. Ltd.

Flexible Duct : GP Spira flexible ducts class 1 listed and meet with requirements of ASTM E 84-08 a with flame spread ratio <20: smoke development ratio <40 made of 2ply multi-layered Aluminium Polyester, Metalised Polyester, etc. foils bonded together by quality adhesive with high carbon corrosion - proof spring wire. GP Spira Flexible ducts are non-flammable and more efficient.

Characteristics :

Able to withstand high air pressure.

Strong and Durable with 2 ply double facing aluminium foil

Tear and puncher resistant, energy efficient.

No Problem of air leakage.

GP Spira offers smooth Inner core which provides low friction loss.

Low operating cost.

Compressible and extendable by more than 10 times its original size. No problems of shrinking when fully extended.

Non-flammable.

Application :

Ideal for all air conditioning/ventilating systems and any other industrial or residential applications including hospital, hotel, commercial, office buildings and shopping malls.

Very flexible and can be connected to whatever position required.

Economical , quick and easy to install even in complicated unworkable areas where other ducts cannot reach.

Available bare or preinsulated with fibreglass of thickness 25mm (1"), or 50mm (2") X 16kg/m³ or 24kg/m³.

Size Available

Available in various I.D.
ranging from 100 mm to 500
mm (4" to 20")

Supplied in Standard length
of 7.5 meters each.



Uninsulated Duct

GP Spira uninsulated flexible duct is made of 2 ply multilayered metalized aluminium polyester permanently bonded to a coated spring steel wire helix.



Standard length	: 25Ft.
Range	: 150 mm to 500 mm dia.
Max. Permissible Velocity	: 5000 Fpm.
Max. recommended operating pressure	: 6" w.g. positive all dia. : 1/2" w.g. negative all dia

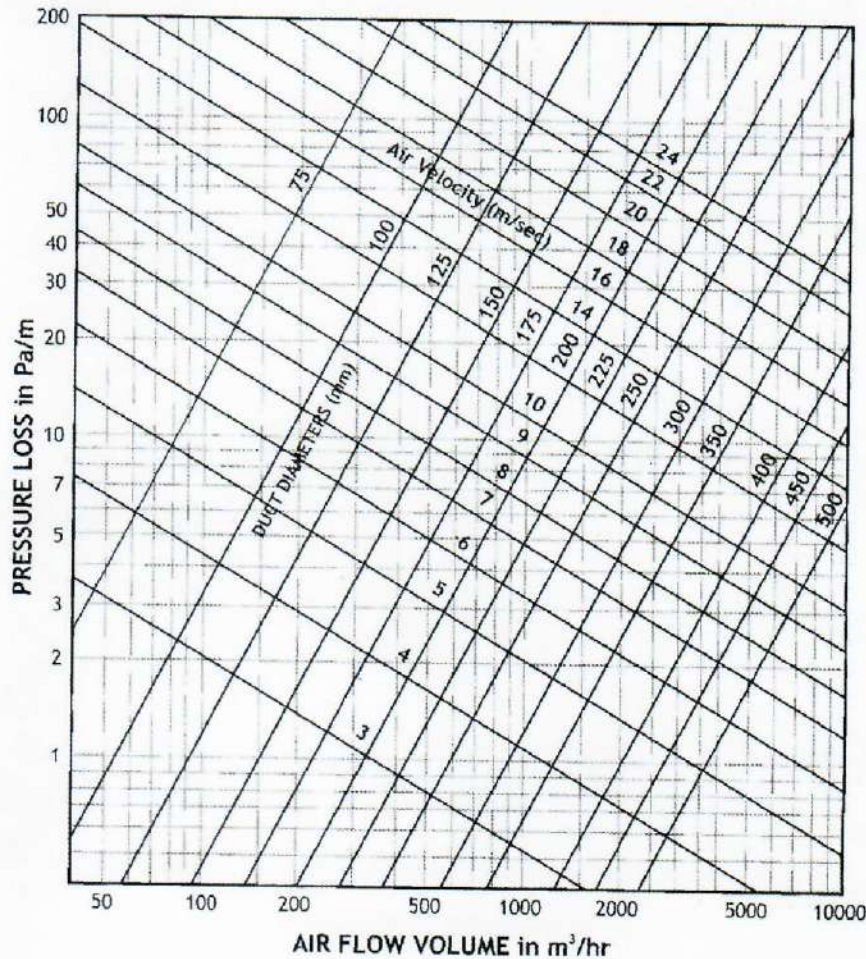


Insulated duct

GP Spira insulated flexible duct is made of 2 ply multilayered metalized aluminium polyester permanently bonded to a coated spring steel wire helix. Thermal efficiency is provided by wrapping the exterior with blanket of fiber glass insulation. The outer jacket is made of metalized polyester vapor barrier jacket.

Standard length	: 25ft.
Range	: 150mm to 500mm dia.
Max. Permissible Velocity	: 5000 Fpm.
Max. recommended working pressure	: 8" w.g.
Temperature range	: 32-200o F
Insulation Thickness	: 25 mm / 50 mm
Insulation Density	: 16kg/m3/24kg/m3
Insulation R-value	: 4.2 (oF-Ft.2 -hr/Btu)

Pressure Loss Diagram :



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