



GP Spira's Marine Mini Duct

Spiral Duct | Rectangular Duct | Oval Duct | Duct Accessories



GP SPIRA DUCT PVT. LTD.

An ISO 9001-2000 Company



Circular Duct Series

The circular duct series have always been GP spira's core products with category complete. We have the industries most advanced equipments and production process.

GP Spira's spiral duct system complies with European (DW 144) standards.

Our capacity

Factory surface : 40,000 sft

Annual output : 2,00,000 Sqm of duct
(120 to 275 Gsm)

Material : Galvanised steel, stainless steel
aluminum, etc.,

Diameters : 75mm to 1600 mm

Thickness : 0.5 mm to 1.25 mm



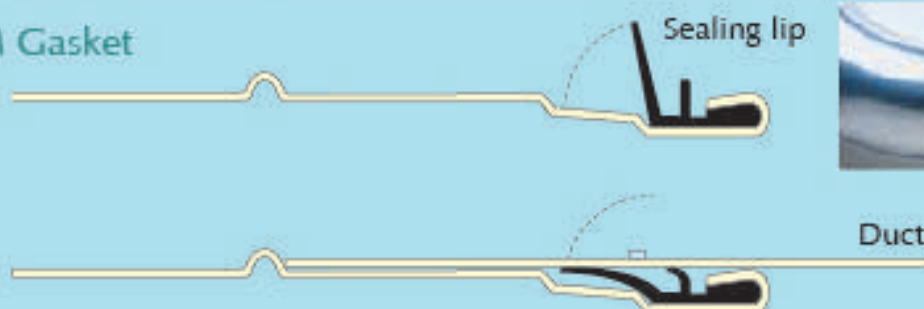
Delhi Factory



Hyderabad Factory

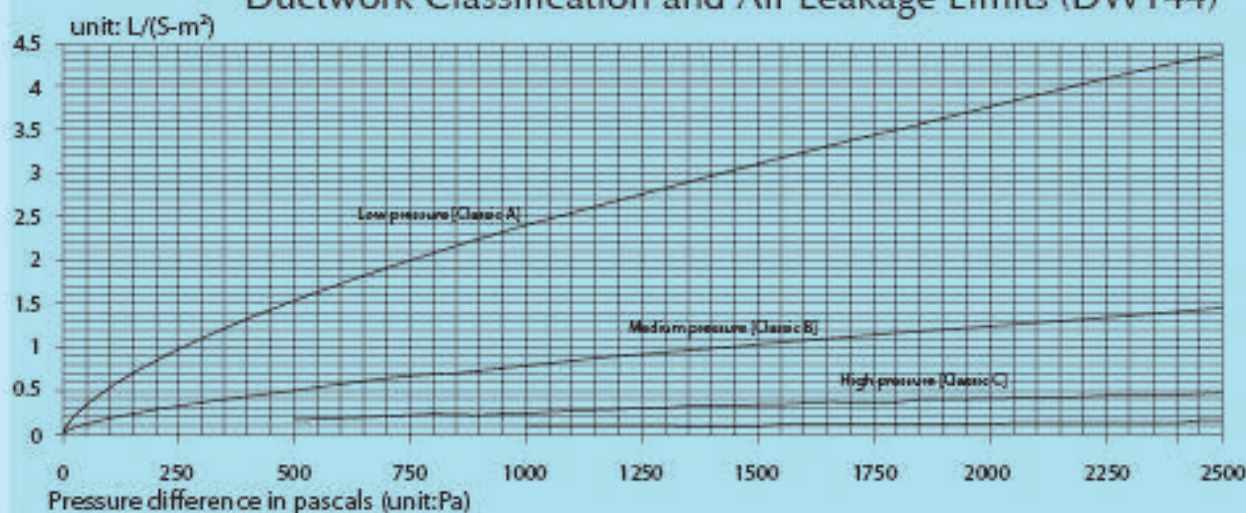
Sealing Gasket : 'F' type EPDM rubber ring

EPDM Gasket



GP spira's spiral duct system have been test according (DW 144), This result of the air leakage is over classe-D

Ductwork Classification and Air Leakage Limits (DW144)



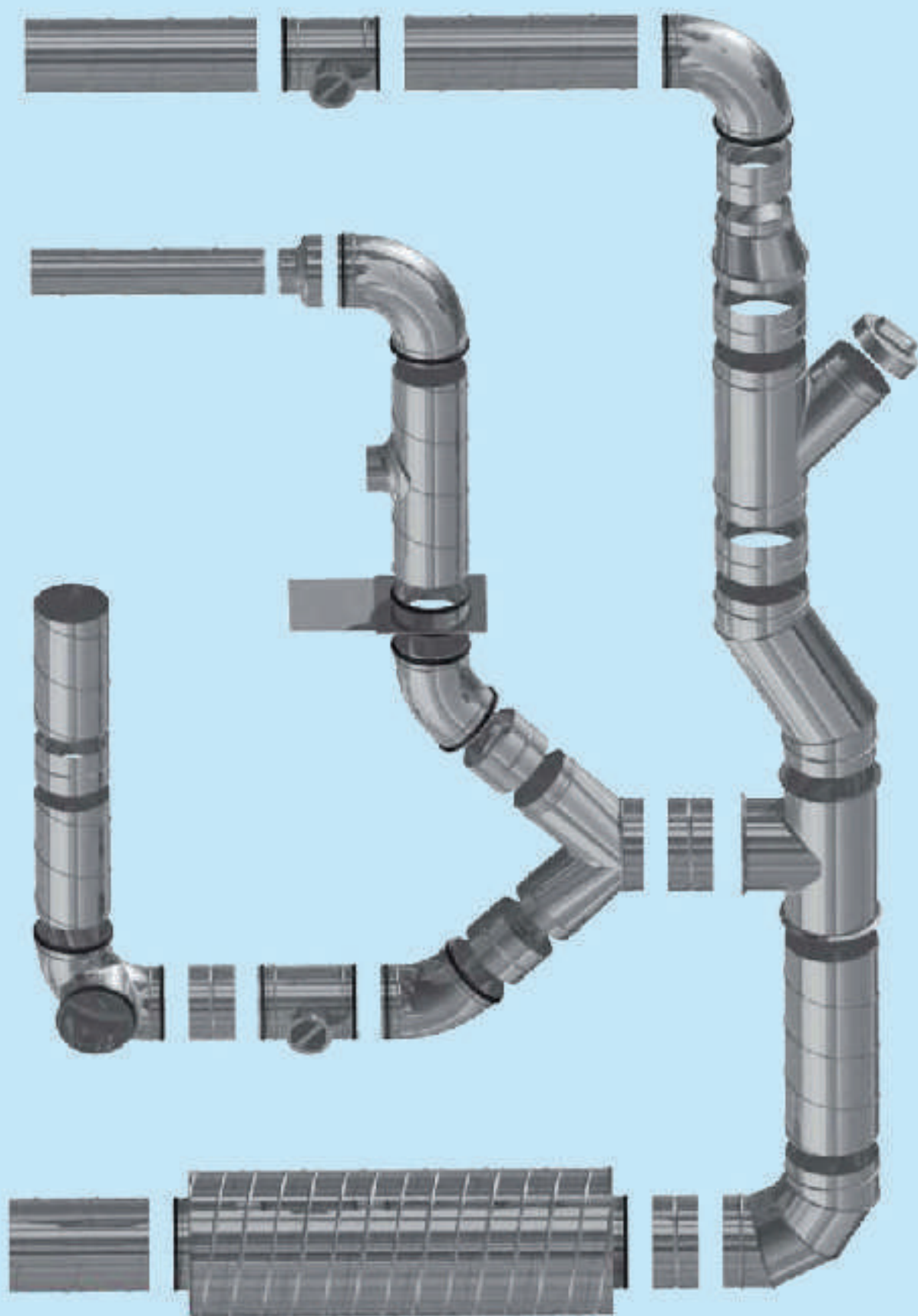
Dimensions & Tolerance of spiral ducts & duct fittings

Size & Designation		080 Ø	100 Ø	125 Ø	150 Ø	175 Ø	200 Ø	225 Ø
DUCT :	D Max.:	80.5	100.9	126.3	151.8	177.2	202.7	228.1
	D Min.:	80.0	100.4	125.8	151.2	176.6	202.0	227.4
DUCT FITTINGS:	d Max.:	79.3	99.7	125.1	150.4	175.8	201.1	226.5
	d Min.:	78.8	99.2	124.6	149.8	175.2	200.4	225.8
Insertion Length, L :		40	40	40	40	40	40	40
Thickness, T :		0.6/0.8	0.6/0.8	0.6/0.8	0.6/0.8	0.6/0.8	0.6/0.8	0.6/0.8

All Dimensions are in mm unless otherwise specified.



Assembly of spiral duct & duct fittings



Spiral circular duct series

Un-insulated spiral circular duct series



Spiral Duct
(R)



Pressed Elbow
(B90/60/45/30)



Pressed Tee-piece
(T)



Pressed Reducer
(FN)



Segmented Elbow
(BH90/60/45/30)



Damper
(DS)



Pressed Reducer
(F)



Reducer
(HFN)



T- Piece
(TVX)



X- Cross
(XVX)



End Cap with Net
(EN)



End Cap
(EP)



Non Return Damper
(RD)



Take Off
(TCR)



Coupler
(N)



Socket
(M)

Pre-insulated spiral circular duct series



Spiral Duct
(PR)



Pressed Elbow
(PB90/60/45/30)



Pressed Tee-piece
(PT)



Pressed Reducer
(PS)



Segmented Elbow
(PBH90/60/45/30)



Pressed Elbow
(PB15)



Segmented Elbow
(PB15)



Reducer
(PHFN)



Damper
(PDS)



Coupler
(PN)



Socket
(PM)



End Cap
(PE)



Non return Damper
(PRIO)



Penetration Piece
(PGIF)

Rectangular Duct series



Rectangular Duct
(SR)



Rectangular Elbow
(SB90)



Rectangular Tee Piece
(ST)



Rectangular Reducer
(SF)



Rectangular Y-Piece
(STV45)



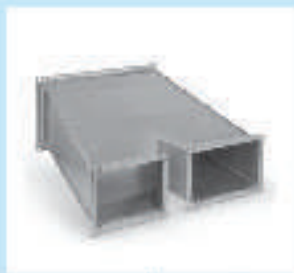
Rectangular Y-Piece
(STV)



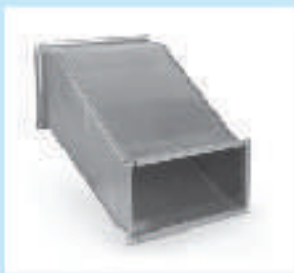
Rectangular Y-Piece
(SY)



Rectangular Reducing
Tee-Piece (SRT)



Rectangular Y-Piece
(STV15)



Rectangular Offset Piece
(SBO)



Rectangular Elbow
(SB45)



Rectangular to Round
(SPRX)



Volume Control Damper
(RVCD)



Flexible Connector
(RFLEX)



Take off Callor
(TC)



End Cap
(SE)

Flat Oval Spiral duct series

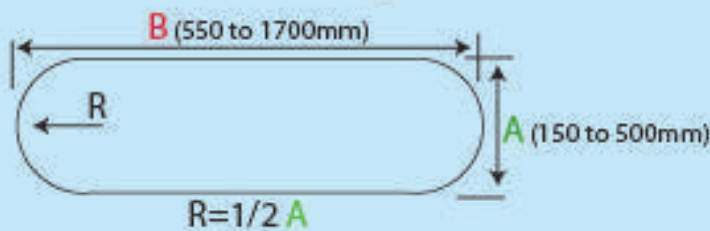
- Flat Oval duct is Machine Formed round Sprial Duct.
- The oval shape provides less of a flat surface therefore making it less susceptible to vibration than rectangular ducts which reduces the need for rod and angle reinforcement.
- Flat oval duct can be supplied in lengths up to 12 feet, Producing fewer joints to reduce friction loss and installation costs.

Features :

- Airtight - 4ply Lock-Seam
- Low friction loss
- Light Weight
- Longer lengths



Sizes of Flat Oval Spiral Duct :



Oval Spiral Duct
(OR)



Oval Elbow
(OB)



Oval T-Piece
(OT)



Oval Reducer
(OF)



Oval Elbow
(---)



Oval Tee Piece
(OT45)



Oval Coupler
(ON)



Oval to Rectangular
(OPRX)

Air diffuser series



P-TX



P-TT



Q-PK



Air Supply Valve
(ASV)



Air Exhaust Valve
(AEV)



Rectangular Diffuser
(RDIFF)



Circular Diffuser
(CDIFF)



Swirl Diffuser
(SDIFF)

Air distributor series



P1-25-001



P2-25-003



P1-35-001



P2-35-003

Silencers



YRS



SB



SYS



SYRS

Accessories



Flexible Duct
(Insulated-PHS)



Flexible Duct
(Uninsulated-HS)



Semi Rigid Duct
(RS)



Clamp Band
(SK)



Iris Damper



Duct Fan



Motorised Damper



Flexible Connector



Spiral Clamp



Hanger



Bracket



Clamp



Flange



Duct Clamp



Air Filter



Flexible Connector

Accessories



Ventilation Cap
(VH)



Jet Cap
(HN)



Goose Neck



Access Door
(IPLR)



Slotted Channel
(SCH)



Multi hole Band
(FB-40)



Mate Flange
(TDC-35)



G Clamp



PVC Tape
(PVC-50)



Sealantes



Inspection Door



Take off



Fresh Air Grill



Louver
(SLV)



Louver
(SDF)



Linear Grill
(LG)



GP SPIRA DUCT PVT. LTD.

HYDERABAD (Off & Fac):

Plot No. D-94, Phase - I, I.D.A
Jeedimetla, Hyderabad - 500 055.

Mobile : 98480 48301, 99480 34000, 9948034333

Tel : +91-40- 23195084, 65345084

Fax : +91-40-23194218

DELHI (Off & Fac):

Khasra No. 68/2 (Near World Tech College),
Khera-Khurampur, Hailey Mamdi Rd.
Faruk Nagar, Gurgaon -123506.

Mobile : 9811079674, 99113 41631

Tel : +91-124-4009433/4/5, 2016369

CHENNAI (Off & Fac):

9, Chari Street, T.Nagar, Chennai -17.

Fac : 12A, Thirukkachuyur &
Sengundram Layout, Singaperumalkoil,
Chingleput - 603 204.

Mobile : 99400 88366, 99400 48622

Tel : +91-44-4212 4014

MUMBAI (Off):

Mobile : +91 - 0 - 9322252330

Email : info@gpspira.com | gbpalem@rediffmail.com | Website : www.gpspira.com

