



ANAND MINCONS
Flexible Ventilation Systems

LAY FLAT

FLEXIBLE TUBINGS



COMPANY OVERVIEW

Anand Mincons was incorporated in 1980 in technical collaboration with Ferroplast, GmbH, Rühr, Germany with the motive of providing world class flexible ventilation systems. Today, Anand Mincons is recognised as the market leader in South East Asia in this field. We manufacture flexible lay flat tubing, semirigid flexible tubing and its accessories.

Our products meet the highest standards IS-3768/1996 & NCB(UK) No. 154/1973, 245/1961 & 586/1971. The promoters of the company have more than 40 years of experience in this field having complete technical background.

Services Offered :

- a. Consultancy services for optimized ventilation system.
- b. A comprehensive package for flexible ventilation systems with fans, frequency drives & all accessories..

PRODUCT RANGE

Lay Flat Flexible Tubing

These tubings are fabricated from a heavy duty Polyester Fabric coated on both sides with PVC with a continuous suspension strip. The suspension arrangement can withstand a load upto 900 Kg per metre.

Range

Diameter : 200-2500 mm

Standard length : 5, 10, 20, 30, 100 metres & more



Lay Flat Semi Rigid Flexible Tubing

It is made of continuous spiral of high tensile spring steel wire sandwiched between the outer surface of the duct and the specially designed PVC profile welded to the duct.

Range

Diameter : 300-1800 mm

Standard length : 5, 10, 20 metres



FABRIC

Anand Mincons is manufacturing its own fabric for the tubings. Due to continuous Research & Development, we have been able to provide a product of international standards to suit specific applications.

Properties :

- ▶ Excellent adhesion properties of fabric
- ▶ Robust strength parameters of fabric
- ▶ Fire retardant & antistatic fabric
- ▶ Smooth internal surface to reduce the friction
- ▶ Rot & tear resistant



SPECIAL FEATURES

- ▶ Almost leak proof joints
- ▶ Excellent properties for resistance against acidic as well as alkaline fumes
- ▶ Suitable for high bursting pressure*
- ▶ Fully operational comprehensive system
- ▶ Approved by Director General of Mine Safety (DGMS) for use in underground gassy mines
- ▶ Aero-dynamic design
- ▶ 6-7 times lighter in comparison to steel ducts
- ▶ Easy storage, handling and transportation
- ▶ Reduces warehousing cost, acquires almost 1/40 space than conventional steel ducts
- ▶ Custom built tubings are also offered

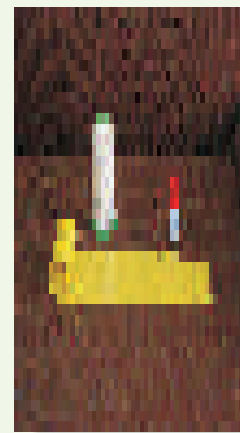
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DIAMETER OF DUCT (MM)	WORKING PRESSURE (KPA)	BRUSTING PRESSURE (KPA)
300	108.37	325.10
400	81.28	243.82
500	65.02	195.06
600	54.18	162.55
700	46.44	139.32
800	40.64	121.91
900	36.12	108.36
1000	32.51	97.53
1200	27.09	81.27
1400	20.22	69.66
1600	20.32	60.95
1700	19.12	57.37
1800	18.06	54.18
2000	16.26	48.76
2200	14.78	44.33

TESTING

The product which leaves our factory undergoes stringent quality tests which are

- a. Flame Test
- b. Pressure Test
- c. Tensile Strength/ Tear Resistant Test
- d. Anti-static Test



APPLICATIONS



- ▶ Coal/Metal Mines
- ▶ Tunnels
- ▶ Special Shaft Sinking Tubings
- ▶ Cooling Tubings
- ▶ Industrial Ventilation
- ▶ Dust & Fumes Extraction (Acidic & Alkaline Media)
- ▶ Flexible Connections

OUR CUSTOMERS

NHPC Ltd, J.P. Industries Ltd., Kajima-Daewoo JV, Samsung Corporation, Down under Mining Pty. Ltd. (Australia), L&T, TISCO, SAIL, Coal India Ltd, Hindustan Construction Ltd., Gammon India Ltd., Patel Engineering and many more customers have been benefitted by using our products.

ACCESSORIES



Galvanized M.S. Plate Joint
for Quick Locking



Hermetic Flexible Joint with
Tension Bolt Assembly



Overhead Flexible
Wire Rope Suspension Assembly



"T"



"Y"



Reducer



"L"

HOT REPAIRING KIT

Damaged ducts can be repaired easily using Hot repairing kit consisting of;

- Welding Iron with special welding tip
- Hand held roller
- Soft Metal Brush
- A pair of heavy duty scissors
- A pair of leather hand gloves

This kit can be supplied on request.



Ready for dispatch



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