

Advantages of Ventiflex

The industrial design and range of Ventiflex Couplings has been developed over 50 years of experience covering numerous applications in underground ventilation by the use of flexible ducting. The use of thousands of ducting couplings in mines and underground constructions world wide has proved and confirmed

- Easy installation
- Minimum leakage under high pressure
- Long-life and durability

Ventiflex VF

- Airtight connection
- Easy «make-up»
- Proven in the field for more than 50 years

Advantage

The Ventiflex VF-coupling is a rigid all-round coupling for use in underground ventilation. The construction and its easy installation give an excellent airtight connection under heavy duty conditions.

Make-up

The VF-coupling allows make-up lengths of ducting to be installed, easily. This is necessary where new pieces as bends and branches need to be inserted into an existing length of duct. This feature is also important where a section have to be cut either for adjustment or even for repair of a severely damaged section.

Description

The VF-coupling consists of a welded-in steel or wire ring at the outlet end of each section of Ventiflex duct and a corresponding steel clamp. The dimensional relationship between the ring and clamp ensures an airtight joint which naturally gets stronger as the air pressure increases. Ventiflex VF-coupling is equipped with a threaded steel bolt which gives a secure and guaranteed strong connection that cannot accidentally come apart.

Technical specifications

Steel rings: $\varnothing 200$ - $\varnothing 1700$ mm
Wire rings: $\varnothing 1800$ - $\varnothing 2400$ mm

Recommended applications

Coupling	$\varnothing D$	Dust concentration		
	mm	Low	Medium	High
VF	200-2200	x	x	x
Velcro	600-3000	x	x	x
Zip	1000-3000	x		

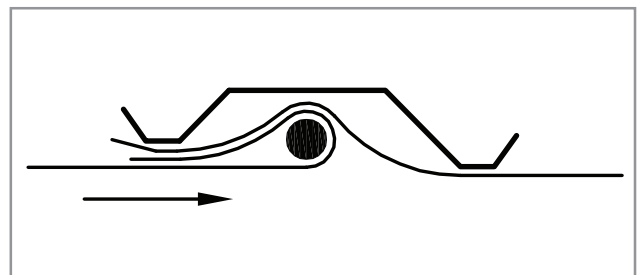


How to order

Ventiflex VF-coupling/ $\varnothing D$ mm

Option

- Two-piece VF-clamp
- Steel/wire rings for "make-up" couplings
- Spare clamp for VF-coupling: Ventiflex VF Clamp



Ventiflex Velcro

- None corrosive
- Easy cleaning/washing
- Inspection friendly
- Easy dismantling/re-installation
- Cannot be damaged

Advantage

The coupling is beneficial for use in applications where inspection and cleaning, as well as easy installation and easy dismantling are required. The coupling can be used over and over again without any reduction in performance. The Velcro coupling is also recommended for use in tight spaces, as the industrial quality of Velcro will not be damaged from hits by mechanical actions. For use in standard sections (10-20m) as well as for longer TBM-sections, typically, 50 & 100m lengths.

Description

The coupling consists of a male and female part. Inside the duct is an overlapping flap of duct material which will provide a seamless smooth airflow characteristic. The coupling is made of the most durable industrial



Velcro on the market, and will resist the highest of longitudinal and axial pressures.

In event of the Velcro becoming dirty it can easily be cleaned using clean water at standard pressure. This will ensure maximum performance of the coupling at all times. An installation tool kit is included.

How to order

Ventiflex Velcro/øD mm

Ventiflex Zip

- None corrosive
- Easy cleaning/washing
- Inspection friendly

Application

The Zip coupling is best suited for use in low dust environments; typically long duct sections and long supply runs such as Tunnel Boring Machines.

Description

The coupling consists of a male and female part. Inside the duct is an overlapping flap of duct material which will provide a seamless smooth airflow characteristic.



The Ventiflex Zip uses the most durable industrial zip on the market, and will resist the highest of longitudinal and axial pressures.

How to order

Ventiflex Zip/øD mm