

PVC Spiral Y-Junction Ventilation Duct

This ventilation duct features a spiral Y-junction design for efficient airflow distribution. Constructed from strong biaxial polyester with a double skin coated PVC fabric, it is suitable for mining and tunneling applications.



Product Overview

Industrial Ventilation Solution

This PVC spiral Y-junction ventilation duct is engineered for heavy-duty air supply and exhaust in demanding environments like mining and tunneling. Constructed from high-strength biaxial polyester with a double-skin coating, it offers superior resistance to impact, fire, and chemical exposure. The design includes integrated high-elasticity spiral steel wire and wear-resistant protective strips to ensure structural stability and long-term reliability in safety-critical ventilation systems.

Construction and Materials

Base Material	Biaxial polyester with double-skin PVC coating
Reinforcement	High-elasticity spiral steel wire wrapped in PVC strip

Technical Features

Configuration

Component	Length
Main Duct	5m
Branch Duct A	1m
Branch Duct B	1m

Product Attributes	Waterproof, Anti-static, Fire-resistant, Shockproof, Acid-resistant, Alkali-resistant
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Specifications

Connection & Mounting

- Main duct end with integrated steel ring
- Branch ducts with bugle sleeve and rope
- Hanging rings provided every one meter

Size Range	4 inch to 60 inch (Custom sizes available)
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Applications

Suitable Environments

Mining • Tunneling • Digging Works • High-Gas Environments