

# 10 inch PVC Coated Flexible Ventilation Duct

This 10 inch PVC coated ventilation duct is designed for air conditioning and ventilation systems. The flexible duct is made with PVC coated fabric and reinforced with a spring steel wire helix.



## ADDITIONAL IMAGES



## Overview

### Industrial-Grade Flexible Ventilation Duct

This 10-inch PVC coated flexible duct is engineered for demanding air supply and exhaust applications in challenging environments. Supported by a robust steel wire framework and wrapped in durable saffron plastic cloth, it offers exceptional flexibility and light weight for easy maneuverability. Designed to withstand high temperatures and corrosive substances, it is an essential component for maintaining air quality in tunnels, mines, and industrial workshops.

## Key Features

### Key Performance Metrics

**10 inch**

Diameter

**1 m**

Hanging Ring Interval

## Technical Construction

### Materials & Build

- Saffron plastics cloth body
- Internal steel wire helix support
- Rope-bunched ends for secure connection
- Integrated meter rings for easy fixing

## Durability & Resistance

### Resistance Ratings

High Temperature Resistant, Acid Resistant, Alkali Resistant, Oleic Acid Resistant, Flame Retardant, Insulating, Aging Resistant

## Applications

### Recommended Applications

- Tunnel and mine ventilation
- Petrochemical industry air supply
- Plant and workshop exhaust
- Underground cable maintenance
- Shipbuilding and machine engineering
- Firefighting and rescue operations
- Manhole and fermentation tank oxygenation

## Operational Functions

### Core Functions

Function	Benefit
Oxygen Deficiency Prevention	Prevents oxygen shortage in manholes and tanks
Spot Air Supply	Injects fresh outdoor air into enclosed steel tubes
Welding Countermeasure	Expels toxic fumes, exhaust, and heat