

# Tunnel Boring Machine Hose

This hose is designed for suction and discharge applications in tunnel boring machines. It provides reliable fluid transfer in demanding construction environments.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Tunneling Hoses

These specialized buffer, suction, and discharge hoses are engineered specifically for demanding tunnel boring machine (TBM) and trench cutter operations. Built for durability in harsh construction environments, they provide reliable fluid transfer and structural resilience. The hoses are available in a wide range of standard sizes to accommodate diverse project requirements and site-specific configurations.

## Technical Specifications

### Rated Pressure

**16 bar**

Rated Pressure

**80 kPa**

Negative Pressure

### Mechanical Capabilities

Property	Range
Elongation	30-50 mm
Compression	30-50 mm
Deflection Angle	±5 degrees
Axial Tensile Strength	40-300 KN

### Available Sizes (DN)

DN80, DN100, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500

## Compliance and Standards

### Certifications

ISO 9001

### Flange Standards

GB/T9119-2010 or customer-specified requirements