

TPV BREATHING AIR HOSE

AirTECH Series

Copely



TPV Breathing hose is a unique, premium professional hose for use in applications where no compromise is acceptable.

TPV, or “ThermoPlastic Vulcanizate” hose, is virtually odourless, extremely flexible and, size for size, about 35% lighter than a standard rubber equivalent.

Key Features:

- Thick hose wall to protect against crushing and kinking.
- Virtually odourless.
- Lightweight and flexible for ease of use.
- Compatible with a wide range of chemicals.
- Manufactured to EN14593 & EN14594 for breathing air applications.
- DEHP & Phthalate Free.
- High flexibility at low temperatures
- Anti-static liner built into the hose to prevent static build up in high risk environments. Working pressure can be specified up to 20 bar.
- It accepts all standard fittings and can be clamped or swagged using standard equipment.
- Temperature range -30°C – +100°C (+120°C short term use)
- Fully recyclable materials.

Sizes:

- 6.3mm – 12.7mm ID available from stock in 25m coils

Colours:

Black with wide blue stripe, black inner

Custom sizes and colours available on request
subject to minimum order quantities



1. Anti-static black inner liner wall
2. TPV intermediate layer
3. Textile polyester reinforcement
4. TPV outer core



Applications:

- Breathing air – superior flexibility without smell or taint
- All applications where enhanced flexibility and temperature performance are desirable
- Rubber hose replacement where rubber is undesirable due to smell of other properties.

Product Ref	Internal Diameter	External Diameter	Wall Thickness	Maximum Working Pressure	Minimum Burst Pressure	Weight per Metre	Bend Radius
ATTPV06	6.3mm	13mm	3.35mm	20 Bar	80 Bar	0.109 Kg	36mm
ATTPV08	8mm	15mm	3.5mm	20 Bar	80 Bar	0.135 Kg	45mm
ATTPV10	10mm	17mm	3.5mm	20 Bar	80 Bar	0.159 Kg	58mm
ATTPV13	13mm	21mm	4mm	20 Bar	80 Bar	0.235 Kg	74mm