DATA SHEET

A181 High Temperature Air Delivery Hose

DIXON
The Right Connection®

AIRBOSS

An exceptionally durable steel braid delivery hose engineered to convey high-temperature, high-pressure compressed air. Built to withstand extreme conditions and designed with high safety margins to ensure prolonged, dependable performance even in the most challenging work environments encountered in mines, quarries, construction, and industrial sites.

Hose Construction

Tube: IIR Butyl - black
Cover: EPDM blend, smooth - blue
Reinforcing: High tensile steel wire braids

Features

- Abrasion resistant
- Ozone resistant
- Weather resistant
- Oil mist resistant
- Pin pricked cover
- Embossed tape line
- Mandrel built

Temperature

- -50°C to 135°C with intermittent peaks of 150°C

Standards

- SAE 100 R2 AT, DIN-EN 853 2 SN

Part Number

- To view available part number options please click here

Dimensions (mm)			Positive Working Pressure PSI / Bar				Vacuum (bar)	Weight (kg/mtr)	Bend Radius (mm)	Coil Lengths (mtr)
			Working		Burst					
ID	OD	ROD[1]	PSI	Bar	PSI	Bar				
50.8	66.7	63.5	1130	78	6090	420	n/a	3.07	630	20
63.5	79.8	75.2	1000	69	4350	300	n/a	3.98	760	20
76.2	91.9	87.4	725	50	3480	240	n/a	4.17	900	20

[1]ROD (Reinforcement Outer Diameter) is used to determine correct crimp calculations when used as a hydraulic hose

Product Code: DB42