

VulcanAIR

A new generation of oil and compressed air hose



We feel better under pressure

VulcanAIR

The various applications in the field of oil and compressed air require flexible hoses able to resist very high temperature and carry fluids, safely, to high volumetric flow rates - keeping their characteristics in time.

The new VulcanAir hose guarantees an optimal carriage of oil, dry air and air with oil particles keeping the flexibility unchanged over the time.

In addition, the compatibility with oils used by the main constructors of industrial compressors is guaranteed.

A high resistance to the ozone and UV rays is guaranteed too.

Technical Sheet

Hose size		Outside diameter		Max working pressure		Min burst pressure		Min bend radius	
D.N.	Inch	Inch	mm	PSI	Bar	PSI	Bar	Inch	mm
6	1/4"	0.48	12.3	870	60	3480	240	1.57	40
10	3/8"	0.61	15.5	360	25	1450	100	2.36	60
12	1/2"	0.83	21.3	360	25	1450	100	2.75	70
16	5/8"	0.98	25.0	290	20	1160	80	4.33	110
19	3/4"	1.1	28.2	232	16	928	64	5.12	130
25	1"	1.41	35.8	232	16	928	64	5.90	150
31	1.1/4"	1.67	42.5	232	16	928	64	7.09	180
38	1.1/2"	2.03	51.5	232	16	928	64	9.45	240
51	2"	2.41	61.3	232	16	928	64	11.81	300

Applications:

Oil and compressed air

Qualified Fluids:

Petroleum-based hydraulic fluids and lubricating oils within a temperature range -20°C to +150°C
Air up to +175°C

Operating temperature range:

Up to +175°C / 347°F (AIR)

Up to +150°C / 302°F (OIL)

Features:



Tube:

Black, smooth rubber inner lining

Cover:

Black synthetic rubber

Reinforcement:

Two textile braids (DN6-16)
Two textile braids and steels wire helix (DN19-51)

