

VulcanAIR

A new generation of oil and compressed air hose



We feel better under pressure

VulcanAIR

The applications in the field of compressed air and oil require flexible hoses that can resist to very high temperatures and that can carry, safely, fluids to high volumetric flow rates, keeping those characteristics over time.

The new hose VulcanAir ensures the optimal carriage of **oil, dry air and air with oil particles**, maintaining unchanged the flexibility over time to **air temperatures up to 175° and oil up to 150°**.

It is furthermore guaranteed the compatibility with oils used by the main constructors of industrial compressors.

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	232	16	928	64	1.77	45
10	3/8"	0.61	15.5	232	16	928	64	2.95	75
12	1/2"	0.75	19.0	232	16	928	64	3.54	90
16	5/8"	0.89	22.6	232	16	928	64	4.53	115
19	3/4"	1.01	25.8	232	16	928	64	5.51	140
25	1"	1.32	33.4	232	16	928	64	7.87	200
31	1.1/4"	1.61	40.9	232	16	928	64	10.2	260
38	1.1/2"	1.85	47.5	232	16	928	64	13.3	340
51	2"	2.38	60.5	232	16	928	64	15.7	400

Applications:

Air compressor systems

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

Reinforcement:

One high tensile wire braid

Cover:

Black synthetic rubber

