

DATA SHEET

Econoflow 59R

Economical vacuum hose for non-autoclave applications

DESCRIPTION

Econoflow 59R is a vacuum hose designed for marine, transportation, recreational and other F.R.P. industries where cost cutting is a primary concern.

Econoflow 59R can be used for low temperature oven or room temperature use and has an interlocking steel tube to prevent collapse while remaining flexible. The rubber jacket protects the vacuum bag. The bell shaped ferrules prevent hose lacerations at the fitting ends, extending hose life.

TECHNICAL DATA

Material type of inner tube	Interlocking steel tube
Material type of hose	Rubber
Hose colour	Translucent white
End fitting	1/4 inch male NPT threaded
Service temperature	135 °C

SIZES

Product reference	Internal hose diameter	Outer hose diameter	Standard length
ECONOFLOW 59R	3/8 inch	3/4 inch	3 - 30 feet (1 - 10 m)



NOTES

Hoses are made to order and are available in any length from 3 to 30 feet.

DATA SHEET

Airflow 60R

The all purpose hose for composites, bonding and tool shops

DESCRIPTION

Airflow 60R can be used as an autoclave or oven hose. The outer ply is silicone rubber over a flexible steel spiral. There are no wire braids to puncture the rubber jacket or the vacuum bag. The hose is supported by a flexible stainless steel spiral that prevents collapse under autoclave pressure. The bell shaped ferrule prevents hose lacerations at fitting ends extending hose life.

Due to its unique construction Airflow 60R hose has the advantage that is easy to repair by replacing the damaged parts like the end fittings.

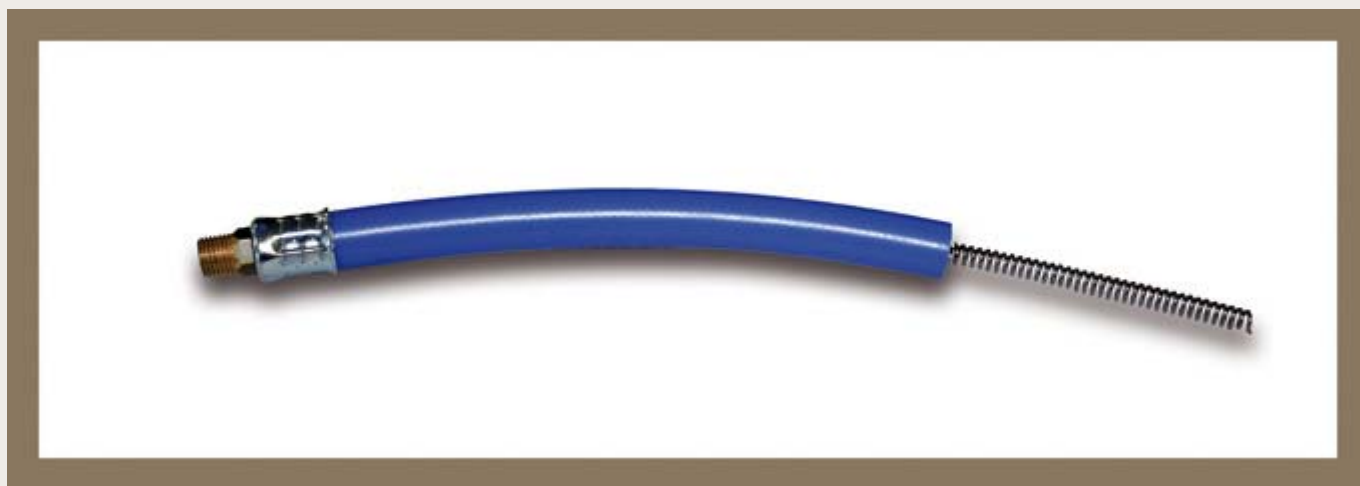
For more information about Airflow 60R repair kit please contact your Airtech sales representative.

TECHNICAL DATA

Material type of inner tube	Stainless steel
Material type of hose	Silicone rubber
Hose colour	Blue
End fitting	1/4 inch male NPT threaded
Service temperature	232 °C
Max autoclave pressure	9 bar

SIZES

Product reference	Internal hose diameter	Outer hose diameter	Standard length
AIRFLOW 60R	3/8 inch	3/4 inch	3 - 33 feet (1 - 10 m)



NOTES

Hoses are made to order and are available in any length from 3 to 33 feet.

Last updated : 2010-11-11

Catalogue position : Vacuum valves and hoses

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DATA SHEET

Airflow 65R

The all purpose hose for composites, bonding and tool shops

DESCRIPTION

Airflow 65R can be used as an autoclave or oven hose. The outer ply is silicone rubber over a flexible steel tube. There are no wire braids to puncture the rubber jacket or the vacuum bag. Its unique construction allows for flexibility without sacrificing vacuum integrity. The hose is supported by a flexible interlocking steel tube that prevents collapse under autoclave pressure. The bell shaped ferrule prevents hose lacerations at fitting ends extending hose life.

TECHNICAL DATA

Material type of inner tube	Interlocking steel tube
Material type of hose	Silicone rubber
Hose colour	Green
End fitting	1/4 inch male NPT threaded
Service temperature	232 °C
Max autoclave pressure	9 bar

SIZES

Product reference	Internal hose diameter	Outer hose diameter	Standard length
AIRFLOW 65R	3/8 inch	3/4 inch	3 - 65 feet (1 - 20 m)



NOTES

Hoses are made to order and are available in any length from 3 to 65 feet.

DATA SHEET

Airflow 100, 100S, 100R

High temperature autoclave/ oven hoses

DESCRIPTION

Airflow 100 is a durable high temperature and high pressure autoclave hose. The hose construction consists of a braided steel outer covering a PTFE inner tube supported with a flexible steel spring conduit. Its unique design prevents collapse from vacuum or autoclave pressures.

Airflow 100S has the same construction as the Airflow 100 with the addition of a steel outer protection coil.

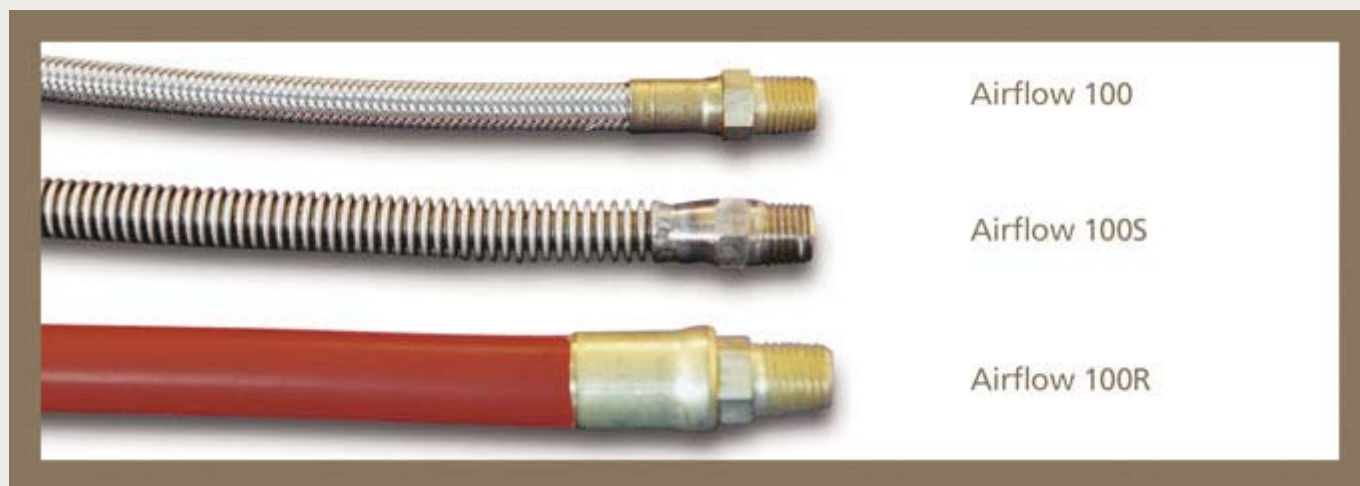
Airflow 100R has the same construction as the Airflow 100 with the addition of a silicone rubber outer protective sleeve.

TECHNICAL DATA

Material type of inner tube	PTFE
Material type of inner conduit	Flexible steel
Material type of outer braid	Steel
Material type of outer protection	Flexible steel (100S) / Silicone rubber (100R)
End fitting	1/4 inch male NPT threaded
Service temperature	260 °C
Max autoclave pressure	22 bar

SIZES

Product reference	Internal hose diameter	Outer hose diameter	Standard length
AIRFLOW 100	3/8 inch	7/16 inch	3 - 30 feet (1 - 10 m)
AIRFLOW 100 S	3/8 inch	7/16 inch	3 - 30 feet (1 - 10 m)
AIRFLOW 100 R	3/8 inch	5/8 inch	3 - 20 feet (1 - 6 m)



NOTES

- > Hoses are made to order and are available in any length on special request.
- > Other hose diameters and end fittings are available.

Last updated : 2011-11-23

Catalogue position : Vacuum valves and hoses

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DATA SHEET

Airflow 800

Very high temperature autoclave vacuum hose

■ DESCRIPTION

Airflow 800 is a vacuum hose designed for extremely high temperatures up to 482 °C, in continuous operation. The solid steel construction maintains superior durability yet remains flexible.

We recommend for use with our AHTC 1000 QTD quick disconnects and our Vac Valve 409 SSHTR. Optional outer steel sleeve can be ordered to provide additional durability. This product is an outstanding alternative for lower temperature use where longer hose life is desired.

■ TECHNICAL DATA

Material type of hose	Steel
Material type of outer protection	Steel sleeve
End fitting	1/4 inch male NPT threaded
Service temperature	482 °C

■ SIZES

Product reference	Internal hose diameter	Outer hose diameter	Standard length
AIRFLOW 800	3/8 inch	1/2 inch	3 - 30 feet (1 - 10 m)



■ NOTES

- > Hoses are made to order and are available in any length.
- > Other hose diameters and end fittings are available.