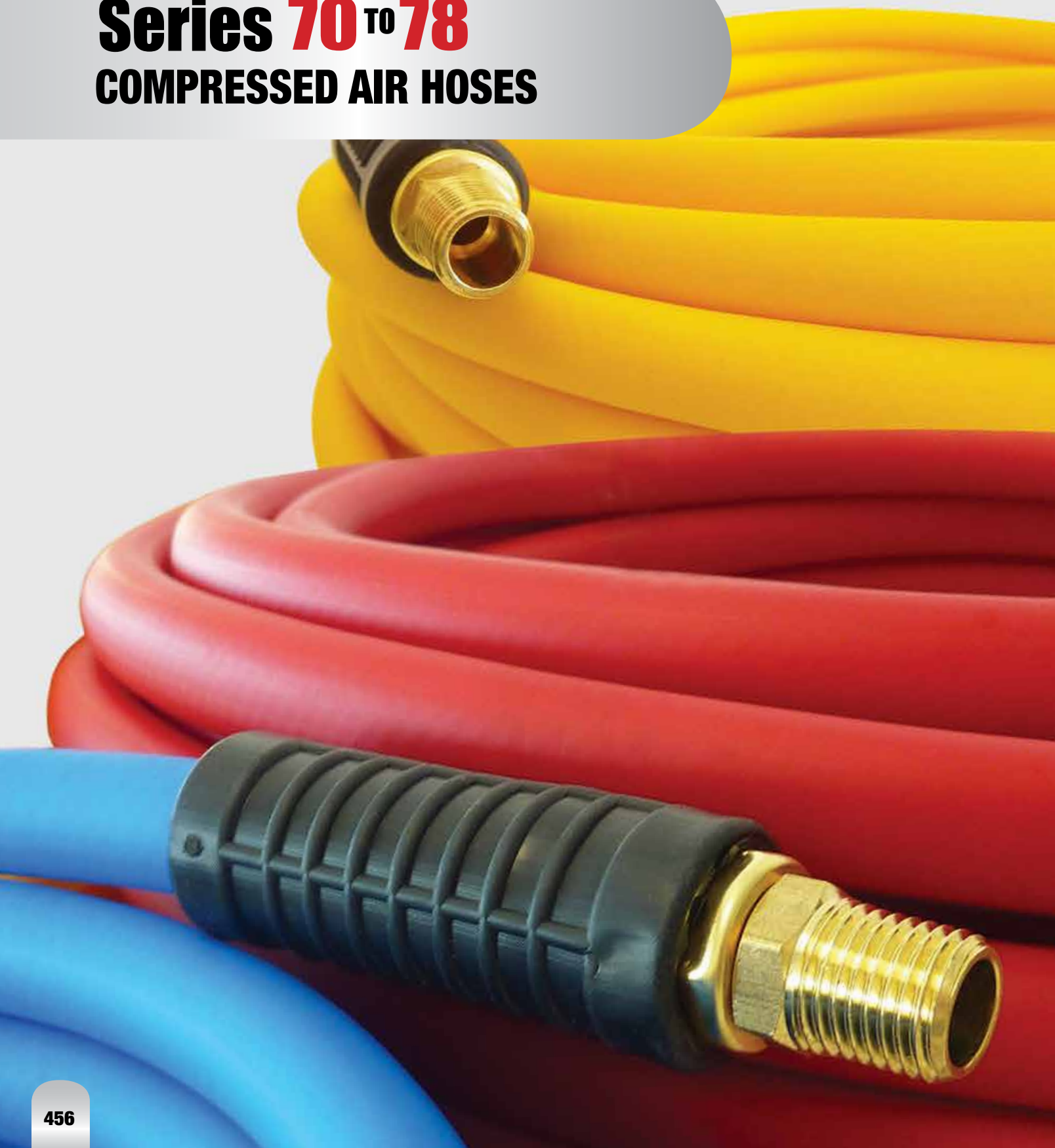
Series 70 TO 78
COMPRESSED AIR HOSES



SELECTING THE RIGHT AIR HOSE

Selecting the right air hose is a question of several criteria, including the environment in which the hose will be used, the conditions in that environment and the way in which the hose is used. If these things are not taken into account and price is the main criteria, the chosen hose may not perform up to expectations.

WHAT HAPPENS TO HOSES ?



In addition to ergonomic problems caused by weight and lack of flexibility, use of an improper hose for the environment and conditions can lead to rapid deterioration.

Some of the things that happen to hoses are:

- Cracking
- Breaking
- Failure at the fitting
- Swelling
- Ageing
- Absorbing dirt
- Stiffening in cold conditions
- Softening due to heat

It reduces hose life and can lead to failure, which can often be dangerous.

WHAT TYPE OF ENVIRONMENT?



The environment in which the hose will be used is a critical element in choosing the right hose. The ideal hose for an industrial shop floor will not necessarily work well in an automotive garage.

The nailing and stapling industry has special needs, as does the construction industry, and anywhere where paint and/or varnished are applied will require another type of hose altogether. Use of the improper hose for these environments will reduce hose life and increase the probability of hose failure and/or worker injuries.

The conditions in that environment will also affect hose life. Clean and dry floor is usually the ideal, but is rarely the case. Hoses are subjected to water, dirt, greases and oils, chemical products and paints and solvents. Heat and cold also affect hose performance, and outdoor use of a hose will cause certain types to age very quickly. Hose choice will again be affected by the presence of any of these conditions.

HOW WILL THE HOSE BE USED?



How the hose will be used will also affect hose choice. A hose that spends its life on a shop floor, being used in a stationary position, will not have the same attributes as one that is used on a construction site where workers often work at arm's length and over their heads. A hose that must support the weight of a tool does not have the same characteristics.

As one designed to be used with a tool suspended from a balancer. A hose that is stored in an auto rewind reel will not have the same requirements as one that is rolled up by hand.

All of these aspects of hose use will have an impact on ergonomics. Choice of the right hose will limit worker injuries and increase productivity.

HOSE SELECTION GUIDE

TO ENSURE MAXIMUM PERFORMANCE AND SERVICE:

- Select the right hose type for the job, based on the environment, conditions and the way in which the hose is to be used
- Choose hose size based on tool consumption and length (Refer to the “Hose size per length and flow (Tool Type)” Selection Guide page 460)
- Keep the hose as short as possible for the application
- Use a hose reel, where possible, to keep the hose out of harm’s way

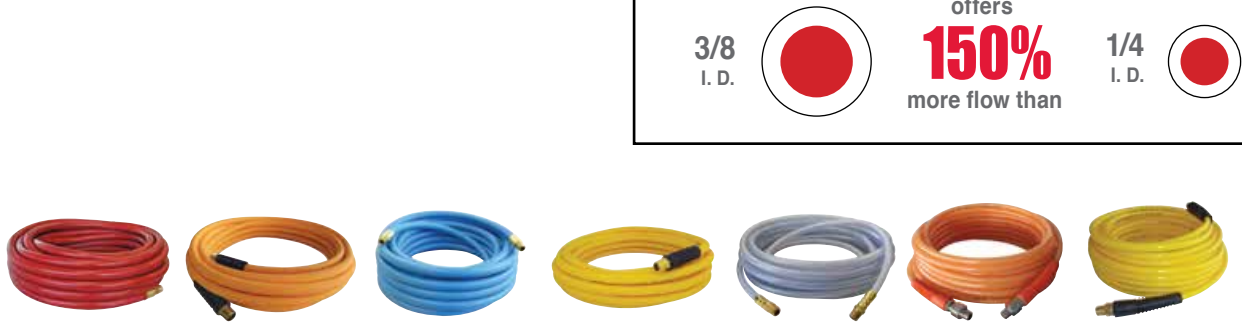





	SERIES 71 MAXPRO	SERIES 71 AIRFLEX® Premium	SERIES 75 SUPERFLEX®	SERIES 77 TOPFLEX®
	RUBBER			
Material	NR / Neoprene	EPDM	Nitrile	Synthetic
Color	Red	Red	Red	Black
Flexibility +20 °C	✔✔✔	✔✔✔	✔✔✔	✔✔✔
Cold Temperature Performance -20 °C	❄❄	❄❄❄	❄❄	❄❄
Oil Resistance (Cover)	♦♦	♦♦	♦♦♦♦	♦♦♦♦
Toughness	✚✚✚	✚✚✚✚	✚✚✚✚	✚✚✚✚✚
Maximum Working Pressure	300 PSI	250 PSI	250 PSI	300 PSI
Sizes Available	3/8	1/4 - 3/8 - 1/2	1/4 - 5/16 - 3/8 1/2 - 3/4 - 1	1/4 - 3/8 - 1/2
Main Characteristics	• Economical • Abrasion resistant	Abrasion resistant	• Lightweight • Oil resistance • Non-conductive 1000 VDC	• Lightweight • Good resistance to oil • Spark resistance • « Lock-on » fittings
Fluid	Air, water	Air, water	Air, water, petroleum oils, lubricating oils	Air, water, petroleum-base hydraulic oils, glycol
Applications	• General industrial • Construction • Agriculture	• General industrial • Construction • Agriculture	• General industrial • Automotive repair • Shops	• General industrial • Automotive repair • Shops
Working Temperature	-40 °C to 82 °C	-40 °C to 100 °C	-40 °C to 100 °C	-40 °C to 100 °C

TECH TIP

A 3/8 I.D. Hose offers 150% more flow than a 1/4 I.D. Hose.



SERIES 70 FLEXhybrid®	SERIES 70 ECOFLEX®	SERIES 72 THERMOFLEX®	SERIES 72 EASYflex® PREMIUM	SERIES 73 NYFLEX®	SERIES 74 FLEXAIR®	SERIES 78 TOPMAX®
TECHNOPOLYMER				PVC	POLYURETHANE	
Red	Orange	Blue	Red / Blue / Yellow	Clear	Ester Clear Orange	Ester Yellow
✔✔✔✔	✔✔✔✔	✔✔✔	✔✔✔✔✔	✔✔✔	✔✔✔✔	✔✔✔✔
❄	❄❄❄❄	❄❄❄	❄❄❄❄❄	❄	❄❄❄❄	❄❄❄❄
♦♦♦♦	♦♦	♦♦♦	♦♦	♦♦	♦♦♦	♦♦♦
✚✚	✚✚	✚✚✚	✚✚✚	✚✚✚	✚✚✚✚	✚✚✚✚
300 PSI	300 PSI	Up to 300 PSI	300 PSI	Up to 250 PSI	200 PSI	250 PSI
1/4 - 3/8	1/4 - 3/8	1/4 - 3/8 - 1/2 3/4	1/4 - 3/8 - 1/2	1/4-3/8-1/2-5/8 3/4-1-1-1/4-1-1/2	1/4 - 3/8	1/4
• Economical • Extremely flexible • Lightweight	• Flexible at low temperature • Easy to handle • Economical • RoHS	• Excellent abrasion resistant • Lightweight	• The most flexible at low temperature • Extremely easy to handle • Lightweight • RoHS	• Crystal clear • NSF certified material • Lightweight	• Very flexible & lightweight • Excellent resistance to abrasion • Reusable swivel fittings	• Very flexible & lightweight • Excellent resistance to abrasion • Reusable swivel fittings
Air	Air, water and mild water soluble chemicals	Air, water and mild water soluble chemicals	Air, water	Air	Air	Air
• Ideal for in-plant applications • Excellent for pneumatic tools	• Construction • General industrial	• In-plant and outdoor applications • Excellent for pneumatic tools • Excellent for paint spray systems	• Outdoor usage in extreme cold • Construction • General industrial	Air and water lines	• Indoor and outdoor applications • Construction • General industrial	• Indoor and outdoor applications • Construction
-10 °C to 60 °C	-40 °C to 65 °C	-26 °C to 65 °C	-54 °C to 65 °C	-5 °C to 65 °C	-40 °C to 60 °C	-40 °C to 74 °C

SELECTION GUIDE • MINIMUM AIR HOSE SIZE PER LENGTH AND FLOW













TOOL TYPE	FLOW SCFM	HOSE LENGTH					
		25'	35'	50'	75'	100'	150'
NAILERS & STAPLERS							
18 gauge nailer/stapler	0.02 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
22-18 gauge stapler	0.03 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
Finishing nailer	0.03 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
Roofing nailer	0.05 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
Framing nailer	0.09 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
IMPACT TOOLS							
Miniature 1/4" ratchet	12.5	3/8	3/8	3/8	1/2	1/2	1/2
1/4" impact gun	14.0	3/8	3/8	3/8	1/2	1/2	1/2
3/8" ratchet	19.2	3/8	1/2	1/2	1/2	1/2	3/4
Zip gun	21.9	1/2	1/2	1/2	1/2	3/4	3/4
1/2" impact gun	28.6	1/2	1/2	1/2	3/4	3/4	3/4
3/4" impact gun	34.7	1/2	1/2	3/4	3/4	3/4	3/4
1" impact gun	87.5	3/4	3/4	3/4	1	1	1
POLISHING TOOLS							
Orbital polisher	16.6	3/8	3/8	1/2	1/2	1/2	1/2
Oscillating sander	23.0	1/2	1/2	1/2	1/2	3/4	3/4
SANDERS							
Sander	9.6	5/16	5/16	3/8	3/8	3/8	1/2
4-1/2" angle grinder	18.4	3/8	1/2	1/2	1/2	1/2	3/4
10mm belt sander	18.9	3/8	1/2	1/2	1/2	1/2	3/4
7" angle sander	29.6	1/2	1/2	1/2	3/4	3/4	3/4
DRILLS							
3/8" air drill	17.3	3/8	1/2	1/2	1/2	1/2	1/2
3/8" reversible air drill	23.8	1/2	1/2	1/2	1/2	3/4	3/4
1/2" reversible air drill	26.4	1/2	1/2	1/2	3/4	3/4	3/4
OTHER TOOLS							
Riveter	0.08 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
Grease gun	0.8 SCF/cycle	1/4	1/4	1/4	1/4	1/4	1/4
Caulking gun	0.1	1/4	1/4	1/4	1/4	1/4	1/4
HVLP paint gun	9.5	5/16	5/16	3/8	3/8	3/8	1/2
Screw driver	9.6	5/16	5/16	3/8	3/8	3/8	1/2
Gravity fed sand blaster	12.0	3/8	3/8	3/8	1/2	1/2	1/2

TECH TIP

To choose the proper air hose internal diameter, it is important to know the consumption of the tool used (flow SCFM).

Use of a smaller than recommended hose size will result in a serious reduction of tool performance.

NOTE:
- Continuous consumption at 100 PSIG
- Average consumption (actual consumption may vary)
- Data for straight PVC, rubber or polyurethane air hose new and exempt of contaminants (water, rust, dust)
- Information based on 5 PSIG pressure drop

Hose I.D.	SCFM available at 100 PSI					
	25'	35'	50'	75'	100'	150'
1/4	≤ 7	≤ 6	≤ 5	≤ 4	≤ 3	≤ 3
5/16	≤ 13	≤ 10	≤ 9	≤ 7	≤ 6	≤ 5
3/8	≤ 20	≤ 17	≤ 14	≤ 12	≤ 10	≤ 8
1/2	≤ 43	≤ 36	≤ 30	≤ 25	≤ 22	≤ 17
3/4	≤ 125	≤ 105	≤ 88	≤ 72	≤ 62	≤ 50
1	≤ 265	≤ 224	≤ 188	≤ 153	≤ 133	≤ 108

FLEXhybrid® FLEXIBLE TECHNOPOLYMER AIR HOSE

RED

300 PSI

TEMP °C +60/-10

FEATURES AND BENEFITS

- Engineered hybrid polymer combining best features from PVC and rubber
- Superior flexibility
- Lightweight
- Economical
- Good resistance to oils, heat, ozone and abrasion
- Easy to unroll and rewind





APPLICATIONS

General industrial, automotive, repair shops

MATERIALS

Cover: Synthetic polymer
Reinforcement: High tensile polyester yarns
Tube: Synthetic polymer
Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 300 PSI
Working Temperature Range: -10 °C to 60 °C

Flexhybrid air hoses are offered with many types of hose reel: TOPREEL, FLEXREEL, MAXREEL and ROLAIR.
For more details, see Series 79.

WARNING

Prevent dangerous hose whips adding a HOSEGUARD safety valve on the air hose.

For more details see Series 58.





HOSE ASSEMBLIES WITH FITTINGS



Hose length **Product No**		Hose I.D. in	Fittings (M) NPT
25 ft	50 ft		
70.115	**70.119**	1/4	1/4
70.316	**70.318**	3/8	1/4
70.415	**70.419**	1/2	3/8

ECOFLEX® FLEXIBLE TECHNOPOLYMER AIR HOSE

ORANGE

COMPLIANT RoHS Restrictions of Hazardous Substances

300 PSI

TEMP °C +65/-40

FEATURES AND BENEFITS

- High quality technopolymer air hose with great flexibility
- 35% lighter than rubber air hoses
- Non-marking outer cover
- Pin pricked outer cover prevents bursting
- Resistant to oils and abrasion
- Easily re-coiled / No memory
- Product meets RoHS standards
- Rubber guard at both ends to extend the life of the air hose





Ecoflex air hoses are offered on MAXREEL hose reels.
For more details, see Series 79.



APPLICATIONS

Construction, general industrial

MATERIALS

Cover: Technopolymer
Reinforcement: High tensile polyester yarns
Guard: Rubber
Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 300 PSI
Working Temperature Range: -40 °C to 65 °C

AIR HOSE WITH FITTINGS



Product No	Approx. length ft	Hose I.D. in	Fittings (M) NPT
70.136	25	1/4	1/4
70.132	35	1/4	1/4
70.138	50	1/4	1/4
70.140	100	1/4	1/4
70.332	35	3/8	1/4
70.336	25	3/8	1/4
70.338	50	3/8	1/4
70.340	100	3/8	1/4

HOSE ASSEMBLIES WITH 1/4 INDUSTRIAL COUPLER & PLUG



Product No	Approx. length ft	Hose I.D. in	Fittings (M) NPT
70.137	25	1/4	1/4
70.139	50	1/4	1/4
70.141	100	1/4	1/4
70.337	25	3/8	1/4
70.339	50	3/8	1/4
70.341	100	3/8	1/4

MAXPRO®
RUBBER AIR HOSE
RED

300 PSI

TEMP °C +82/-40

FEATURES AND BENEFITS

- Complies with RMA's Class C designation for medium oil resistance
- Heavy duty for professional use
- High tensile polyester yarns reinforcement reduce elongation under pressure
- Ozone and abrasion resistant
- PVC guard bend restrictor at both ends to extend the life of the air hose
- Good flexibility
- Economical





APPLICATIONS

General industrial and automotive repair shops

MATERIALS

Cover: Rubber
Reinforcement: High tensile polyester yarns
Tube: High strength rubber
Guard: PVC
Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 300 PSI
Working Temperature Range: -40 °C to 82 °C

WARNING

Prevent dangerous hose whips by adding a HOSEGUARD safety valve on the air hose.

For more details see Series 58.





HOSE ASSEMBLIES WITH FITTINGS



Product No	Approx. length ft	Hose I.D. in	Fittings (M) NPT
71.375	25	3/8	1/4
71.379	50	3/8	1/4

AIRFLEX® Premium
RUBBER AIR HOSE
RED

250 PSI

TEMP °C +100/-40

FEATURES AND BENEFITS

- Quality general purpose rubber air hose
- Cover with medium oil resistance (RMA-Class C)
- Tube resistant to oil mist contained in the compressed air
- Excellent abrasion resistance
- Good resistance to cold, heat and ozone
- Vinyl guard bend restrictors on 3/8 in hose assemblies (increase the life of air hose)
- Very flexible
- Long lasting
- Compatible with water





Airflex air hoses are offered with many types of hose reels: Steelpro, TOPREEL HD and TOPREEL. For more details, see Series 79.



APPLICATIONS

Excellent air supply line for pneumatic tools

General industrial, construction, agriculture

MATERIALS

Cover: EPDM

Reinforcement: Spiral polyester cords

Tube: EPDM

Guard: Vinyl

Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 250 PSI

Working Temperature Range: -40 °C to 100 °C



HOSE ASSEMBLIES WITH FITTINGS

Hose length **Product No**					Hose I.D. in	Fittings (M) NPT
15 ft	25 ft	35 ft	50 ft	100 ft		
71.111	**71.114**	**71.116**	**71.118**	**71.150**	1/4	1/4
71.311•	**71.314•**	**71.316•**	**71.318•**	**71.350•**	3/8	3/8
71.312•	**71.315•**	**71.317•**	**71.319•**	**71.355•**	3/8	1/4
71.411	**71.414**	**71.416**	**71.418**	**71.450**	1/2	1/2
71.412	**71.415**	**71.417**	**71.419**	**71.453**	1/2	3/8

• With vinyl guard

WARNING

Prevent dangerous hose whips adding a HOSEGUARD safety valve on the air hose.

For more details see Series 58.







REELS

Product No	Approx. length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
71.113	800	1/4	0.508	4.5
71.313	700	3/8	0.656	6.3
71.410	500	1/2	0.844	10.0

THERMOFLEX®
TECHNOPOLYMER AIR HOSE
BLUE

UP TO 300 PSI

TEMP °C +65/-26



FEATURES AND BENEFITS

- High quality flexible PVC compound air hose
- Ideal for applications in contact with paints and solvents
- Lightweight and flexible for easy handling
- Easily re-coiled after use, no memory
- Good flexibility in cold temperatures (alternative to rubber hose)
- Excellent abrasion resistance
- Non-marking pin pricked cover that allows venting of air to prevent ballooning and eventual bursting
- Vinyl guard bend restrictors on 1/4 in hose assemblies
- U.V. and weather resistant
- Chemical resistance
- Complies with RMA's Class B designation for medium/high oil resistance
- High tensile strength polyester yarns reduce elongation under pressure



Thermoflex air hoses are offered on TOPREEL hose reels. For more details, see Series 79.





APPLICATIONS

Ideal for in-plant

Excellent air supply line for pneumatic tools and paint spray systems

MATERIALS

Cover: PVC compound

Reinforcement: High tensile strength Polyester yarns

Tube: PVC compound

Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 300 PSI • 3/4: 250 PSI

Working Temperature Range: -26 °C to 65 °C

HOSE ASSEMBLIES WITH FITTINGS

Hose length **Product No**				Hose I.D.in	Fittings (M) NPT
25 ft	35 ft	50 ft	100 ft		
72.114•	**72.116•**	**72.118•**	**72.150•**	1/4	1/4
72.314	**72.316**	**72.318**	**72.350**	3/8	3/8
72.315	**72.317**	**72.319**	**72.355**	3/8	1/4
72.414	**72.416**	**72.418**	**72.450**	1/2	1/2
72.415	**72.417**	**72.419**	**72.455**	1/2	3/8
72.520	--	**72.560**	**72.580**	3/4	3/4

• With vinyl guard



REELS

Product No	Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
72.100	500	1/4	0.475	3.2
72.310	500	3/8	0.600	4.3
72.410	500	1/2	0.750	6.3
72.610	300	3/4	1.125	13.6

WARNING

Prevent dangerous hose whips adding a HOSEGUARD safety valve on the air hose.

For more details see Series 58.



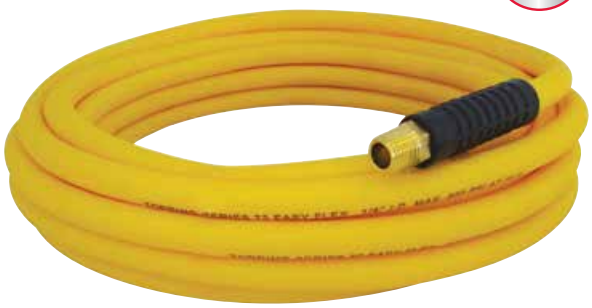


EASYflex® *PREMIUM*
ULTRA FLEXIBLE TECHNOPOLYMER AIR HOSE
YELLOW•RED•BLUE

RoHS COMPLIANT Restrictions of Hazardous Substances

300 PSI

TEMP °C +65/-54



FEATURES AND BENEFITS

- Engineered to be tough and ultra-flexible at extremely low temperatures
- The physical properties and unique design of this hose make it more efficient than other general PVC and rubber hoses in cold weather
- Easily re-coiled after use, no memory
- 35 % lighter than rubber air hoses for easy handling
- Non-marking pin pricked cover that allows venting of air to prevent ballooning and eventual bursting
- Rubber guard bend restrictors on hose assemblies to extend the life of the hose
- Excellent abrasion resistance
- Complies with RMA-Class B designation for medium/ high oil resistance
- Silicone-free materials
- RoHS compliant



Air hose available with hose reels. For more details see Series 79.





APPLICATIONS

Outdoor air hose for use in cold weather, where flexibility is required

Ideal for in-plant applications that require very easy handling in tight workspaces and freezer applications requiring air service

MATERIALS

Cover: High grade low temperature technopolymer compound

Reinforcement: High tensile strength polyester yarns to reduce elongation under pressure

Tube: High grade technopolymer compound

Guard: Rubber (no guard on 1/2 hose I.D.)

Fittings: Brass

SPECIFICATIONS

Maximum Working Pressure: 300 PSI

Working Temperature Range: -54 °C to 65 °C

HOSE ASSEMBLIES WITH 1/4 INDUSTRIAL COUPLER AND PLUG



Hose length Product No		Color	Hose I.D. in
25 ft	50 ft		
72.165	**72.169**	Yellow	1/4
72.365	**72.369**	Yellow	3/8
72.325	**72.329**	Red	3/8
72.385	**72.389**	Blue	3/8

HOSE ASSEMBLIES WITH FITTINGS AND RUBBER GUARDS



Hose length Product No				Color	Hose I.D. in	Fittings (M) NPT
25 ft	35 ft	50 ft	100 ft			
72.164	**72.166**	**72.168**	**72.170**	Yellow	1/4	1/4
72.364	**72.366**	**72.368**	**72.370**	Yellow	3/8	1/4
72.324	**72.326**	**72.328**	**72.330**	Red	3/8	1/4
72.384	**72.386**	**72.388**	**72.390**	Blue	3/8	1/4
72.464*	**72.466***	**72.468***	**72.470***	Yellow	1/2	1/2
72.465*	**72.467***	**72.469***	**72.471***	Yellow	1/2	3/8

*Without rubber guard



REELS

Product No	Color	Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
72.160	Yellow	700	1/4	0.500	3.6
72.360	Yellow	700	3/8	0.625	4.5
72.320	Red	700	3/8	0.625	4.5
72.380	Blue	700	3/8	0.625	4.5
72.460	Yellow	500	1/2	0.781	6.8

NYFLEX®
GENERAL PURPOSE PVC AIR HOSE
CLEAR

UP TO 250 PSI

TEMP °C +65/-4

FEATURES AND BENEFITS

- General purpose PVC air and water hose
- Lightweight and flexible
- Crystal clear
- Non-marking
- Ozone and atmosphere resistant
- Chemical resistance
- Smooth-as-glass interior
- Certified under Standard NSF-51 (food equipment materials)





Food Grade

NSF

Certified under NSF-51 Standard

APPLICATIONS

Air and water lines, glue lines, lubrication lines, packaging machines, food and beverages

MATERIALS

Cover and tube: Clear PVC compound

Reinforcement: Spiral polyester yarn with additional longitudinal yarn to reduce elongation under pressure

SPECIFICATIONS

Maximum Working Pressure:

1/4: 250 PSI • 3/8: 225 PSI • 1/2 and 5/8: 200 PSI

3/4: 150 PSI • 1: 125 PSI • 1-1/4 and 1-1/2: 100 PSI

Working Temperature Range: -4 °C to 65 °C

HOSE ASSEMBLIES WITH FITTINGS



Hose length **Product No**			Hose I.D. in	Fittings (M) NPT
25 ft	50 ft	100 ft		
73.114	**73.118**	**73.150**	1/4	1/4
73.314	**73.318**	**73.350**	3/8	3/8
73.315	**73.319**	**73.355**	3/8	1/4
73.414	**73.418**	**73.450**	1/2	1/2

COILS



Product No	Hose Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
73.100	300	1/4	0.438	2.7
73.300	300	3/8	0.594	4.0
73.400	300	1/2	0.750	5.9
73.500	300	5/8	0.891	8.1
73.600	200	3/4	1.031	9.9
73.700	200	1	1.300	13.6
73.800	100	1-1/4	1.620	20.4
73.900	100	1-1/2	1.938	29.0

REELS



Product No	Hose Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
73.110	500	1/4	0.438	2.7
73.310	500	3/8	0.594	4.0
73.410	500	1/2	0.750	5.9

FLEXAIR® BRAIDED POLYURETHANE AIR HOSE

CLEAR ORANGE

200 PSI

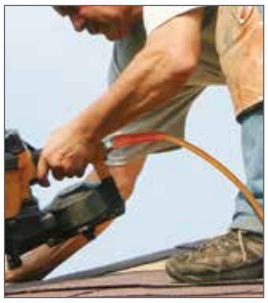
TEMP °C +60/-40



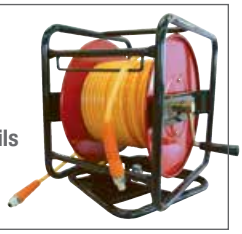
FEATURES AND BENEFITS

- Ideal for outdoor and indoor applications
- Excellent aging properties last up to 10 times longer than conventional rubber hose
- Light weight and flexibility contribute to the prevention of work-related injuries
- 50% lighter than rubber air hoses
- Excellent cold resistance: -40 °C
- Excellent resistance to lubricating oils, grease and solvents
- Excellent resistance to sunlight, weathering and ozone
- Superior resistance to cuts and punctures
- Excellent abrasion resistance
- Non-marking cover
- Highly kink resistant
- Rubber guard at both ends to extend the life of the air hose

- **LIGHTWEIGHT**
- **RESISTANT**
- **FLEXIBLE UNDER COLD TEMPERATURES**



Air hose available with this hose reel. For more details see Series 79.



APPLICATIONS

Excellent for air tools such as nailers and staplers

MATERIALS

Cover and Tube: Ester base polyurethane
Reinforcement: Spiral synthetic yarns
Guard: Rubber

SPECIFICATIONS

Maximum Working Pressure: 200 PSI
Working Temperature Range: -40 °C to 60 °C

REUSABLE SWIVEL FITTING WITH FLEXIBLE RUBBER STRAIN RELIEF GUARD



Product No	Hose I.D. in	Fitting (M) NPT
74.830	1/4	1/4

HOSE ASSEMBLIES WITH FITTINGS



Hose length Product No			Hose I.D. in	Hose O.D. in	Fittings (M) NPT	Fittings type
25 ft	50 ft	100 ft				
74.163	**74.167**	**74.169**	1/4	0.375	1/4	Non-Swivel
74.171*	--	--	5/16	0.472	1/4	Non-Swivel
74.364	**74.368**	**74.370**	3/8	0.562	1/4	Swivel

*Blue

SUPERFLEX®
RUBBER HOSE
HIGH OIL RESISTANT
RED

250 PSI

TEMP °C +100/-40



FEATURES AND BENEFITS

- Premium quality hose with excellent resistance when in contact with oils and greases
- Resistance to paint and solvent makes this the ideal hose for paint shop applications
- Excellent flexibility
- Tube extremely resistant to oils (RMA-Class A)
- Cover with medium resistance to oils (RMA-Class B)
- Maximum resistance to oil, gasoline, kerosene, fuel oils, lubricating oils and other petroleum based products
- Excellent weather and ozone resistance
- Excellent abrasion resistance
- Performs well at both high and low temperatures

- **MAXIMUM OIL RESISTANT**
- **NON-CONDUCTIVE**



Superflex air hoses are offered with many types of hose reels: Steelpro, TOPREEL HD and Topreel. For more details, see Series 79.





APPLICATIONS

Excellent hose for air tools

MATERIALS

Cover: Nitrile (Type C2)
Reinforcement: High tensile textile cord
Tube: Nitrile (Type C)

SPECIFICATIONS

Maximum Working Pressure: 250 PSI
Working Temperature Range: -40 °C to 100 °C
Electrical Conductivity: Non-conductive at 1000 volts D.C.

HOSE ASSEMBLIES WITH FITTINGS

Hose length **Product No**				Hose I.D. in	Fittings (M) NPT
25 ft	35 ft	50 ft	100 ft		
75.314	--	**75.318**	**75.350**	3/8	3/8
75.315	**75.317**	**75.319**	**75.355**	3/8	1/4
75.414	--	**75.418**	**75.450**	1/2	1/2
75.415	--	**75.419**	**75.453**	1/2	3/8
75.525	**75.535**	**75.560**	**75.600**	3/4	3/4
75.625	--	**75.660**	**75.680**	1	1



REELS

Product No	Hose Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
75.210	500 to 750	5/16	0.62	4.5
75.310	500 to 700	3/8	0.66	6.3
75.410	500 to 700	1/2	0.85	9.9
75.610	500 to 700	3/4	1.09	16.3
75.710	300 to 525	1	1.38	24.5

WARNING

Prevent dangerous hose whips adding a HOSEGUARD safety valve on the air hose.

For more details see Series 58.





TOPFLEX®
« LOCK-ON »
RUBBER AIR HOSE
BLACK

300 PSI

TEMP °C +100/-40



FEATURES AND BENEFITS

- « Lock-on » hose simplifies maintenance: for repairs, simply cut hose square and insert « lock-on » fitting
- Flame retardant synthetic rubber cover protects hose in presence of hot chips and sparks
- Maximum resistance to oils for longer life in oily, greasy environments
- Accepts reusable « lock-on » fittings
- Tube extremely resistant to oils and heat (RMA-Class A)
- Cover with medium oil resistance (RMA-Class B)
- Performs well at both high and low temperatures
- Excellent abrasion resistance

- **MAXIMUM OIL & SPARK RESISTANT**
- **VERY FLEXIBLE**

APPLICATIONS

Excellent in-plant hose for air tools
Ideal hose for automotive repair shops
Other applications: Petroleum-base hydraulic oils, glycol, lubricating oils

CONSTRUCTION

Cover: Neoprene (Type C2)
Reinforcement: Braided high tensile textile cord
Tube: Synthetic rubber (Nitrile - Type C)

SPECIFICATIONS

Maximum Working Pressure: 300 PSI
Working Temperature Range: -40 °C to 100 °C
Electrical Conductivity: Non-conductive at 1000 volts D.C.





Topflex air hoses are offered with many types of hose reels: Steepro, TOPREEL HD and Topreel. For more details, see Series 79.



HOSE ASSEMBLIES WITH FITTINGS

Hose length Product No					Hose I.D. in	Fittings (M) NPT
15 ft	25 ft	35 ft	50 ft	100 ft		
77.121	**77.125**	**77.126**	**77.128**	**77.130**	1/4	1/4
77.331	**77.335**	**77.336**	**77.338**	**77.340**	3/8	3/8
77.341	**77.345**	**77.346**	**77.348**	**77.350**	3/8	1/4
77.431	**77.435**	**77.436**	**77.438**	**77.440**	1/2	1/2
77.441	**77.445**	**77.446**	**77.448**	**77.450**	1/2	3/8

REELS

Product No	Length* ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
77.110	600	1/4	0.47	3.6
77.310	600	3/8	0.63	4.9
77.410	600	1/2	0.77	6.8

*Maximum of 3 pieces per reel



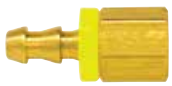
RECOMMENDED FITTINGS

TO MALE PIPE
BRASS



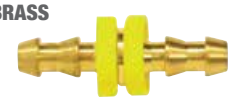
Prod. No	Hose I.D. in	(F) NPT
41.871	1/4	1/4
41.872	3/8	1/4
41.873	3/8	3/8
41.874	1/2	3/8
41.875	1/2	1/2

TO FEMALE PIPE
BRASS



Prod. No	Hose I.D. in	(M) NPT
41.860	1/4	1/8
41.861	1/4	1/4
41.877	1/4	3/8
41.862	3/8	1/4
41.863	3/8	3/8
41.864	3/8	1/2
41.866	1/2	3/8
41.867	1/2	1/2

SPLICER
BRASS



Product No	Hose I.D. in
41.880	1/4
41.881	3/8
41.882	1/2

1/4 INDUSTRIAL PLUG
ZINC PLATED STEEL



Product No	Hose Barb (lock-on)
20.345	1/4 D.I.
20.365	3/8 D.I.

TOPMAX®
POLYURETHANE AIR HOSE
YELLOW

250 PSI

TEMP °C +74/-40

ERGONOMIC SOLUTION



FEATURES AND BENEFITS

- Lighter, more durable and more chemical resistant than any other air hose material
- Ergonomically designed to contribute to the prevention of work-related injuries
- 75% lighter than rubber air hose and 50% lighter than PVC air hose
- Extremely flexible
- Excellent resistance to lubricating oils, grease and solvents
- Excellent resistance to sunlight, weathering and ozone
- Superior resistance to cuts
- High abrasion resistance
- Reusable full flow swivel fittings for maximum directional flexibility (360°)
- Flexible Rubber guard to extend the life of the air hose
- Non-marking cover

- VERY FLEXIBLE
- LIGHTWEIGHT

APPLICATIONS

Excellent for air tools such as nailers and staplers

Plant assembly line air service

Air service for spray painting equipment

MATERIALS

Cover and tube: Polyurethane - Ester base

Reinforcement: Polyester yarns

Guard: Rubber

SPECIFICATIONS

Maximum Working Pressure: 250 PSI

Working Temperature Range: -40 °C to 74 °C

REUSABLE SWIVEL FITTING WITH FLEXIBLE RUBBER STRAIN RELIEF GUARD



Product No	Hose I.D. in	Fittings (M) NPT
78.825	1/4	1/4

HOSE ASSEMBLIES WITH SWIVEL FITTINGS



Product No Hose length			Hose I.D. in	Fittings (M) NPT
25 ft	50 ft	100 ft		
78.114	78.118	78.150	1/4	1/4

HOSE ASSEMBLY WITH 1/4 INDUSTRIAL COUPLER & PLUG



Product No	Hose Length ft	Hose I.D. in	Fittings (M) NPT
78.119	50	1/4	1/4

REEL



Product No	Hose Length ft	Hose I.D. in	Hose O.D. in	Weight kg/100 ft
78.110	300	1/4	0.385	1.6