

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
- 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



Selecting the proper hose diameter

150%
more flow than
1/4"

3/8"

* based on tests at 100 psig with 10 psig pressure drop and with a 25' x 1/4 NPT hose

	SERIES 71 MAXPRO	SERIES 71 AIRFLEX[®] Premium	SERIES 75 SUPERFLEX[®]	SERIES 77 TOPFLEX[®]	SERIES 70 FLEXhybrid[®]	SERIES 72 THERMOFLEX[®]	SERIES 72 EASYFLEX[®]	SERIES 73 NYFLEX[®]	SERIES 74 FLEXAIR[®]	SERIES 78 TOPMAX[®]
	RUBBER				TECHNOPOLYMER			PVC	POLYURETHANE	
Material	NR / Neoprene	EPDM	Nitrile	Synthetic	Red	Blue	Red / Blue / Yellow	Clear	Ester	Ester
Color	Red	Red	Red	Black	Red	Blue	Red / Blue / Yellow	Clear	Clear Orange	Yellow
Flexibility +20°C	✓✓✓	✓✓✓	✓✓✓	✓✓✓	✓✓✓✓	✓✓✓	✓✓✓✓✓	✓✓✓	✓✓✓✓	✓✓✓✓
Cold Temperature Performance -20°C	**	***	**	**	*	***	*****	*	**	**
Oil Resistance (Cover)	♦♦	♦♦	♦♦♦♦	♦♦♦♦	♦♦♦♦	♦♦♦	♦♦	♦♦	♦♦♦	♦♦♦
Toughness	+++	++++	++++	+++++	++	+++	++	+++	++++	+++++
Maximum Working Pressure	300 PSI	250 PSI	250 PSI	300 PSI	300 PSI	Up to 300 PSI	300 PSI	Up to 250 PSI	200 PSI	250 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	1/4 - 3/8	1/4 - 3/8 - 1/2 3/4	1/4 - 3/8	1/4 - 3/8 - 1/2 - 5/8 3/4 - 1 - 1 1/4 - 1 1/2	1/4 - 5/16 - 3/8	1/4
Weight /100 ft Hose	3/8 I.D. - 13 lb	1/4 I.D. - 10 lb 3/8 I.D. - 14 lb	1/4 I.D. - 9.2 lb 3/8 I.D. - 14.5 lb	1/4 I.D. - 7.75 lb 3/8 I.D. - 11.25 lb	1/4 I.D. - 8.8 lb 3/8 I.D. - 9.6 lb	1/4 I.D. - 7.2 lb 3/8 I.D. - 9.6 lb	1/4 I.D. - 8 lb 3/8 I.D. - 10 lb	1/4 I.D. - 6 lb 3/8 I.D. - 9 lb	1/4 I.D. - 3.5 lb 3/8 I.D. - 7.75 lb	1/4 I.D. - 3.5 lb
Main Characteristics	<ul style="list-style-type: none"> • Economical • Abrasion resistant 	<ul style="list-style-type: none"> • Abrasion resistant 	<ul style="list-style-type: none"> • Lightweight • Oil resistance • Non-conductive 1000 VDC 	<ul style="list-style-type: none"> • Lightweight • Good resistance to oil • Spark resistance • "Lock-on" fittings 	<ul style="list-style-type: none"> • Economical • Extremely flexible • Lightweight 	<ul style="list-style-type: none"> • Excellent abrasion resistant • Lightweight 	<ul style="list-style-type: none"> • The most flexible at low temperature • Extremely easy to handle • Lightweight • Silicone-free materials / RoHS 	<ul style="list-style-type: none"> • Chrystal clear • NSF certified material • Lightweight 	<ul style="list-style-type: none"> • Very flexible & lightweight • Excellent resistance to abrasion • Swivel and non-swivel fittings 	<ul style="list-style-type: none"> • Very flexible & lightweight • Excellent resistance to abrasion • Reusable swivel fittings
Fluid	<ul style="list-style-type: none"> • Air, water 	<ul style="list-style-type: none"> • Air, water 	<ul style="list-style-type: none"> • Air, water, petroleum oils, lubricating oils 	<ul style="list-style-type: none"> • Air, water, petroleum-base hydraulic oils, glycol 	<ul style="list-style-type: none"> • Air 	<ul style="list-style-type: none"> • Air, water and mild water soluble chemicals 	<ul style="list-style-type: none"> • Air, water and mild water soluble chemicals 	<ul style="list-style-type: none"> • Air, water 	<ul style="list-style-type: none"> • Air 	<ul style="list-style-type: none"> • Air
Applications	<ul style="list-style-type: none"> • General industrial, construction, agriculture 	<ul style="list-style-type: none"> • General industrial, construction, agriculture 	<ul style="list-style-type: none"> • General industrial, automotive repair shops 	<ul style="list-style-type: none"> • General industrial, automotive repair shops 	<ul style="list-style-type: none"> • Ideal for in-plant applications • Excellent for pneumatic tools 	<ul style="list-style-type: none"> • In-plant and outdoor applications • Excellent for pneumatic tools • Excellent for paint spray systems 	<ul style="list-style-type: none"> • Outdoor usage in extreme cold • Construction, general industrial 	<ul style="list-style-type: none"> • Air and water lines 	<ul style="list-style-type: none"> • Indoor and outdoor applications • Construction, general industrial 	<ul style="list-style-type: none"> • Indoor and outdoor applications • Construction
Temperature Range	-40°F to 180°F -40°C to 82°C	-40°F to 212°F -40°C to 100°C	-40°F to 212°F -40°C to 100°C	-40°F to 212°F -40°C to 100°C	14 °F to 140°F -10 °C to 60°C	-15°F to 150°F -26°C to 65°C	-40°F to 150°F -40°C to 65°C	25°F to 150°F -5°C to 65°C	-40°F to 140°F -40°C to 60°C	-40°F to 165°F -40°C to 74°C

