

# SELF-STORING AIR HOSES – SELECTION GUIDE

Polyurethane self-storing  
air hose selection  
should be based  
on four criteria:

## environment

**Environment** will affect hose choice. Working temperature will affect pressure handling, and other environmental aspects, such as the presence of sparks, oil or humidity can also influence hose choice.

## ergonomics

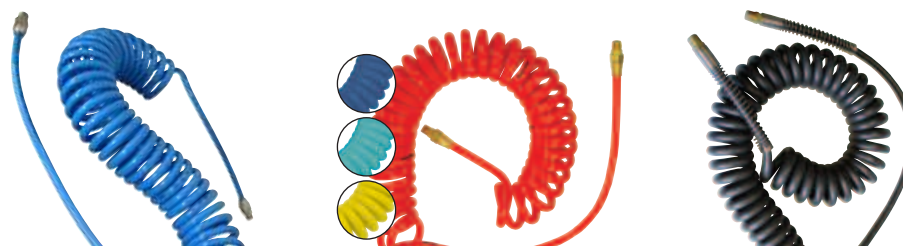
The type of work will influence **ergonomics** for instance; working around vehicles requires different features than other types of work.

## flexibility

**Flexibility** is another criterion, a function of personal choice and work-related factors.

## service life

Finally, **service life** is always a factor to consider. Ether based Polyurethane better resist weathering and moisture, while Ester based Polyurethane will work better in contact with chemicals.



	SERIES 14 MAXAIR	SERIES 17 FLEXCOIL		SERIES 19 SPARKCOIL
COLOR	LIGHT BLUE	RED	YELLOW	BLACK
		BLUE	CLEAR BLUE	
MATERIAL	POLYURETHANE (ESTER BASED)	POLYURETHANE (ETHER BASED)		THERMOPLASTIC & POLYURETHANE (ESTER)
MAXIMUM WORKING PRESSURE	143 PSI AT 75°F	140 PSI AT 75°F		150 PSI AT 75°F
WORKING TEMPERATURE	-4°F TO 158°F -20°C TO 70°C	-40°F TO 158°F -40°C TO 70°C		-40°F TO 158°F -40°C TO 70°C
SIZES AVAILABLE (ID)	1/4 - 3/8	3/16 - 1/4 - 5/16 - 3/8		1/4 - 3/8
LENGTHS AVAILABLE (pi)	25, 50	10, 15, 20, 25, 30, 50		25, 50
MAIN CHARACTERISTICS	QUALITY/PRICE CHOICE RIGID FITTING AT TOOL END	FLEXIBILITY VARIOUS DIMENSIONS		RESISTS SPARKS AND HOT CHIPS OIL RESISTANT
ERGONOMICS	..	...		...
FLEXIBILITY	..	...		...
SERVICE LIFE	...	....		....
WEIGHT	..	..		...

