

PAINT HOSES - HIGH PRESSURE

Selection of the correct hose to join the delivery pump and spray gun is essential. Consideration must be given for the factors shown.



HOSE FACTORS

- ◆ Pressure Rating - what is the maximum working pressure you will use. This will be determined by the delivery pump and air supply pressure into the pump.
- ◆ Safety - legislation states spray hose should have a min. burst pressure of 4 times the max. working pressure.
- ◆ Length - what is the required length.
- ◆ Bore - the internal diameter of the hose affects fluid flow rates. Small diameter hoses reduce flow rates. Additionally longer hoses and high material viscosity also reduce flow rates.
- ◆ Construction - high pressure hoses require more layers of reinforcement in their construction.
- ◆ Flexibility and Weight - larger bore and higher pressure hoses are both heavier and less flexible.



- ◆ Connection Threads - the most popular connection threads are 1/4 npt and 3/8 ntp female swivel.

We supply a range of hoses to meet these quality criteria. A selection of the most popular hoses are shown but bespoke specifications can be manufactured on request.

TEXTILE BRAIDED HOSE

Typical Uses: Electric / Petrol Sprayers e.g. Graco St, Ultramax, or Gmax.

Model	Bore	Length	Threads npt (f)	Max Working Pressure	Min Burst Pressure	Standard Colour	Construction
SPR230.4.0200.N4	1/4" (6mm)	2m	1/4	3300psi	13200psi	Light Blue	Nylon Core with Twin Braided Synthetic Fibre Reinforcement
SPR230.4.1500.N4	1/4" (6mm)	15m	1/4	3300psi	13200psi	Light Blue	
SPR230.6.1500.N6	3/8" (10mm)	15m	3/8	3300psi	13200psi	Light Blue	



1 WIRE BRAIDED HOSE

Typical Uses: Medium Pressure Pneumatic Sprayers e.g. NXT 45.

Code	Bore	Length	Threads npt (f)	Max Working Pressure	Min Burst Pressure	Standard Colour	Construction
PA1.4.0300.N4	1/4" (6mm)	3m	1/4	4700psi	18800psi	Mid Blue	Nylon Core with One Braided Metal Reinforcement
PA1.4.0750.N4	1/4" (6mm)	7.5m	1/4	4700psi	18800psi	Mid Blue	
PA1.4.1500.N4	1/4" (6mm)	15m	1/4	4700psi	18800psi	Mid Blue	



2 WIRE BRAIDED HOSE

Typical Uses: High Pressure Pneumatic Sprayers e.g. NXT 60.

Code	Bore	Length	Threads npt (f)	Max Working Pressure	Min Burst Pressure	Standard Colour	Construction
PA2.4.0300.N4	1/4" (6mm)	3m	1/4	6890psi	27560psi	Red	Nylon Core with Twin Braided Metal Reinforcement
PA2.4.0750.N4	1/4" (6mm)	7.5m	1/4	6890psi	27560psi	Red	
PA2.4.1500.N4	1/4" (6mm)	15m	1/4	6890psi	27560psi	Red	
PA2.6.1500.N6	3/8" (10mm)	15m	3/8	6500psi	26000psi	Red	



ARAMID BRAIDED HOSE

Typical Uses: Very High Pressure Pneumatic Sprayers e.g. NXT 90.

Code	Bore	Length	Threads npt (f)	Max Working Pressure	Min Burst Pressure	Standard Colour	Construction
HD2.4.0300.N4	1/4" (6mm)	3m	1/4	10150psi	40600psi	Black	Nylon Core with One Layer Braided Metal and Twin Aramid Reinforcement
HD2.4.1500.N4	1/4" (6mm)	15m	1/4	10150psi	40600psi	Black	
HD2.6.1500.N6	3/8" (10mm)	15m	3/8	8100psi	32400psi	Black	

