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 there construction.
- Flexibility and Weight larger bore and higher pressure hoses are both heavier and less flexible.



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.

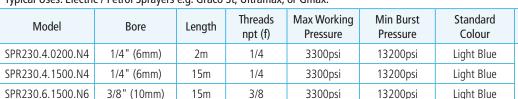
Construction

Nylon Core with Twin

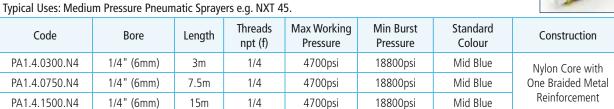
Braided Synthetic Fibre Reinforcement

TEXTILE BRAIDED HOSE

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

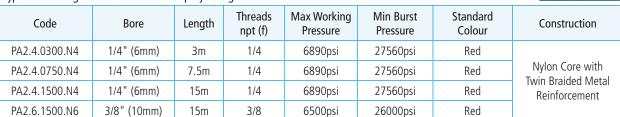


1 WIRE BRAIDED HOSE



2 WIRE BRAIDED HOSE

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



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	



