

# Datasheet

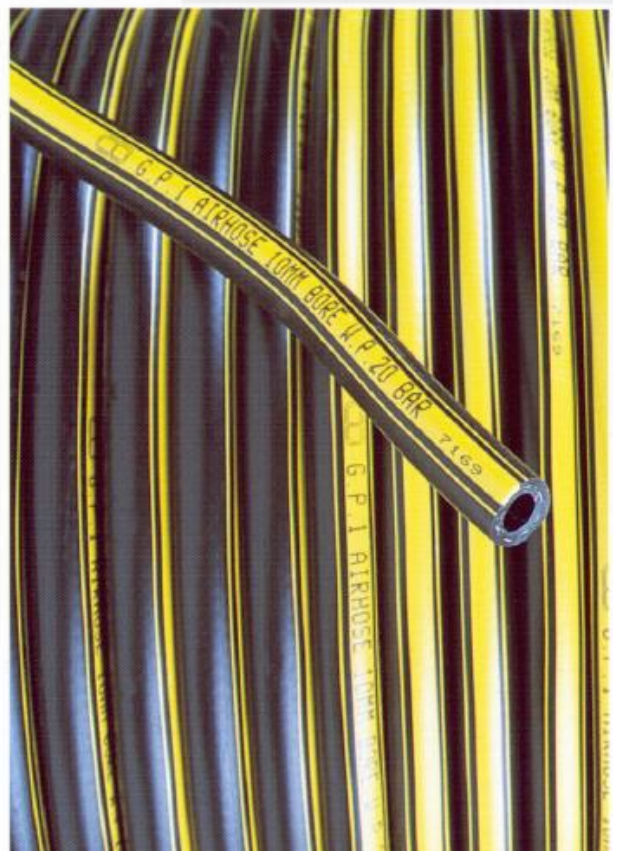
**Black/Yellow 15m PVC Nitrile Blend Air Hose, -15 → +60°C, Application Various**

**RS Stock number 197-8550**

## SUPRENE GP1 - GPA series

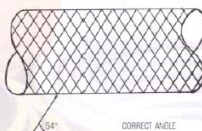
### Special Features

- Abrasion resistance - excellent
- Ageing - outstanding resistance
- Made from Cadmium free materials
- Resistance to a wide range of chemicals (see Chemical Resistance Table)
- Good flexibility
- Reduced Plasticizer migration
- Kink resistance - good
- Improved resistance to oil / fuels
- Outstanding U.V / Ozone resistance
- Silicone free
- Temperature -30°C to +60°C improved



### Braiding and Braid Angles

Much is said and written about braid angle and there is no dispute about the general philosophy and principle of 54° 44' (54.73°) being the optimum angle. Suprene GP1 is therefore manufactured reinforced with fibres to the optimum angle.





Product Ref	Size		Weight per coil kgs	Working Pressure 2:1 Safety Factor	Stock Sizes
	I.D.	O.D.			
GPA 05	5	13	4.99	20 bar	30m,100m
GPA06	6.3	14	5.48	20 bar	30m,100m
GPA08	8	16	7.05	20 bar	30m,100m
GPA10	10	18	7.43	20 bar	30m,100m
GPA13	12.5	22	10.5	20 bar	30m,100m
GPA19	19	29	15.96	20 bar	15m,30m,40m
GPA25	25	37	24.75	20 bar	30m only

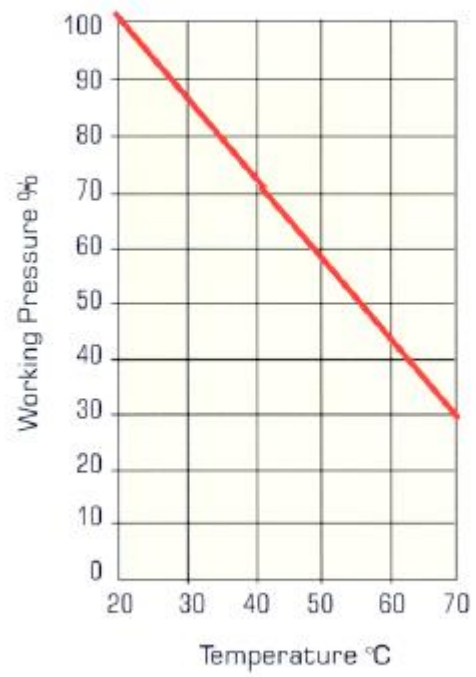
Available ex stock in 30m coils.  
 Colours: 5mm - 10mm Black outer with yellow stripe  
 12.5mm - 25mm Black inner Opaque yellow outer

Applications:  
 Compressed Air and Compressor Hoses for the Industrial, Construction and Automotive Sectors,  
 Water and Chemical transfer

Conforms to Product Standards:  
 ISO 5774 : 1980

Test Methods & Procedures:  
 BS EN ISO 7751 : 1997  
 ISO 1402 : 1994  
 BS EN 28033 : 1993  
 BS EN 24671 : 1993  
 ISO 8033 : 1991  
 BS EN 21746 : 1983  
 ISO 1746 : 1983

### GPA RANGE Pressure/Temperature Relations



Max. recommended continuous working temperature = 70°C