

## 1500 BAR HOSE SPECIFICATION



CONSTRUCTION	MATERIAL
<b>INNER CORE</b>	POM
<b>BOND</b>	Special Adhesive
<b>PRESSURE REINFORCEMENT</b>	Two spiral layers of ultra high tensile steel wire
<b>OUTER COVER</b>	PA Blue

DIMENSIONS	SI UNITS	IMPERIAL UNITS
<b>INNER Ø</b>	4,9mm ± 0,1mm	0.193in ± 0.0004in
<b>OUTER Ø</b>	9,5mm ± 0,1mm	0.374in ± 0.0004in
<b>BEND RADIUS</b>	95mm	3.74in
<b>WEIGHT</b>	0.14kg/m	0.094lb/ft

PERFORMANCE	SI UNITS	IMPERIAL UNITS
<b>MIN BURST PRESSURE</b>	375,0 MPa	54375psi
<b>MAX WORKING PRESSURE</b>	150,0 MPa	21750psi
<b>SAFETY FACTOR</b>	2,5:1	
<b>WORKING TEMPERATURE</b>	-10°C to + 70°C	14°F to 158°F
<b>CHANGE IN LENGTH</b>	±2 percent	
<b>IMPULSE STRENGTH</b>	More than 20000 impulse cycles at WP	
<b>VOLUMETRIC EXPANSION</b>	Typical Value: 14 percent at WP	
<b>ELECTRICAL CONDUCTIVITY</b>	YES	



### APPLICATION

High pressure service for use with petroleum or synthetic hydraulic fluids and chemical fluids.

High pressure delivery for hydraulic tensioning tools and other equipment.

Applications used across various industries worldwide with working pressure up to 150MPa.

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