

# 1/4" 5075 psi Green Oxygen Service Hose | R8-O2

SKU: R8-O2

Price: ?10.04



## Description

Internal core in thermoplastic polyester, aramidic fiber reinforcement, exterior covering in polyurethane ready for oxygen service. This product is sold by the foot (30.48 cm). If you would like a total of 3 ft (0.91 m), please order a quantity of "3". Oxygen service rated hose ends are available upon request.

Special precautions must be taken when flowing high-pressure oxygen:

- Maximum recommended hose length for oxygen service is 6.5 feet (2 m).
- A needle valve must be used to limit the speed of O2 flow through the hose for lengths over 6 feet (1.8 m).
- Flow rate should never exceed 300 psi/min.
- When used with brass hose ends, maximum working pressure for assembly is 3000 psi (207 bar).

To order custom length R8-O2 oxygen service hose with oxygen service ready hose ends, see [SKU R8-O2-CUSTOM](#). (Custom 1/4" 5075 psi Oxygen Service Air Hose & Hose Ends).

## Hose Specifications

<b>SKU</b>	<b>R8-O2</b>
<b>Hose I.D.</b>	1/4"   6.4 mm   6 DN
<b>Maximum O.D.</b>	11.8 mm
<b>Minimum Bend Radius</b>	50 mm
<b>Weight</b>	85 g/m
<b>Material Description</b>	Inner core in thermoplastic polyester, high toughness textile fiber and exterior covering in anti-abrasion polyurethane, stabilized against UV rays and microorganisms-resistant, micro perforated for the conduction of air and compatible gases.
<b>Specifications</b>	Hose meets or exceeds SAE J517 Standard sect. SAE 100R8 - ISO 3949 Standard

<b>Maximum Working Pressure</b>	5075 psi (350 bar)
<b>Working Temperature</b>	−40°F to +212°F (−40°C to +100°C) Maximum working temperature of air, water, and water-based fluids: +158°F (+70°C)
<b>Minimum Burst Pressure</b>	4x Working Pressure
<b>Vacuum Rating</b>	0.93 bar (700 mm Hg)