

527BA– Breathing Air Refill Hose

Nylon Core Tube

7,000 psi constant pressure.



Features

- 7,000 psi constant pressure hose

Construction

- Tube: Nylon
- Reinforcement: Aramid Fiber
- Cover: Polyurethane

Operating Parameters

- Temperature Range:
-40°F (-40°C) to 180°F (82°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Color

- ● Blue

Compliance

- CGA G7.1-1 Grade E Breathing Air Standards
- NFPA 1901

Fittings

- CG Series – pg. E-72

101CG-2-X	102CG-4-X	137CG-4-X	141CG-4-X
101CG-4-X	103CG-4-X	139CG-4-X	1L9CG-4-X
102CG-2-X	106CG-4-X	13ECG-4-X	
- Approved configurations referenced above
- When used with 527BA hose only, Parflex -4 JIC and -4 O-ring boss fittings are rated for 7000 psi (48.3 MPa) working pressure
- Please note X in the part number references the qualified hose sizes above but does not indicate availability
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-3

Notes

- Perforated cover
- Not for use as part of a SCBA systems
- This hose is not for use between a pressure reducing regulator and breathing mask
- For fitting attachment lubricate only with water or non-toxic lubricant. Do not assemble with petroleum or hydrocarbon based lubricants. Do not flush with solvents of any kind
- This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen
- Hose is compliant with CGA Grade E Breathing Air Standards, however air quality is dependent upon all system components

Series 527BA

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg/mtr	
527BA-3	3/16	5	0.43	10.9	7,000	48.3	1-1/2	38.0	0.05	0.07	CG
527BA-4	1/4	6.3	0.52	13.2	7,000	48.3	2	51.0	0.07	0.11	CG

WARNING



This product can expose you to chemicals including Nickel compounds, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.