526BA – Breathing air refill hose

Conforms to CGA G7.1-1997 "Grade E Breathing Air Standards" of the Compressed Gas Association



MAIN FEATURES

- **Conforms to CGA G7.1-1997 "Grade E Breathing Air Standards"**
- Excellent abrasion resistance
- Same working pressure of 41.4 MPa for all sizes

APPLICATIONS

- Breathing air compressors
- SCBA breathing air cylinder refilling stations
- Mobile refilling stations
- Cascade systems

CONSTRUCTION

Core tube : Polyamide
Pressure reinforcement : One braided layer of high tensile aramide fibre

Cover : Polyurethane, pinpricked
Colour : grey

TEMPERATURE RANGE -40°C up to +82°C

Part No. #	DN	size mm	size inch	mm	Max. working pressure MPa	Max. working pressure psi	Min. burst pressure MPa	Min. burst pressure psi	Min. bend radius mm	Weight kg/m	Fittings
526BA-3	5	-03	3/16	11.0	41.4	6,000	165.5	24,000	38	0.08	CG
526BA-4	6	-04	1/4	13.0	41.4	6,000	165.5	24,000	51	0.10	CG
526BA-6	10	-06	3/8	16.0	41.4	6,000	165.5	24,000	76	0.13	CG

NOTES

- Kink protection recommended (see page F-6)
- Also available as multiline hose (see page XVI)
- Vacuum service: 95 kPa
- For assembly use water or non-toxic soap water only. Oil based lubricants must not be used.
- **This hose must not be used between pressure regulator and breathing mask.**
- The hose is non-conductive; therefore it must not be used with explosive gases such as pure oxygen and hydrogen!
- Do not purge hoses and hose assemblies with solution agents or the like. If purging is required, use water or air only.
- Air quality depends on all system components. Even if all individual components conform to the requirements, it may happen that the assembled system does not fulfill the requirement "Grade E". This is to be verified by the system manufacturer.