

# Custom 1/4" 7000 psi Breathing Air Refill Hose & Hose Ends

**SKU:** 527BA-4-CUSTOM

**Price:** ?0.00



## Description

### How to Order Your Custom Hose & Installed Hose Ends

1. Click the black CUSTOMIZE AND ADD TO CART button above.
2. Select the length of your 527BA-4 hose. Enter the length (in feet) in the "Qty" (quantity) window. For instance, if you need a 10-foot-long hose, enter "10" in the "Qty" box. Metric conversion: 1 foot = 30.48 cm.
3. Select the first hose end in the "Hose End #1" dropdown box. Only one hose end can be selected. You can also choose to have no hose end installed.
4. Select the second hose end in the "Hose End #2" dropdown box. Only one hose end can be selected. You can also choose to have no hose end installed.
5. Click "Add to Cart" Button. The total price will display in the Shopping Cart.
6. If the hose order needs to be edited, click "Edit" (pencil) icon in the Shopping Cart.
7. You can order multiple quantities of the same hose length and hose ends or revisit this page to order a new hose length/hose end combination.

## Hose Specifications

527BA breathing air refill hose complies with NFPA 1901 requirements for Fire Apparatus and CGA G7.1-1 Grade E Breathing Air Standards and is suitable for different tank fill applications, such as integrated containment fill stations, mobile and stationary systems (with or without cascade controls), mobile trailer/truck systems, and portable SCBA fill. The 527BA hose does not contain conductive elements; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen. To order hose without hose ends, see [SKU 527BA Series](#) (Breathing Air Refill Hose 1/4" & 3/16" · 7000 psi). To order 527BA-4 prefabricated hose and hose ends, see SKU [527BA-4-Series](#) (1/4" 7000 psi Breathing Air Refill Hose & Optional Fittings).

**SKU**

**527BA-4**

**Specifications**

CGA G7.1-1997 Grade E Breathing Air Standards, NFPA 1901

**Applications**

- Integrated containment fill stations
- Pneumatics
- Mobile and stationary systems with or without cascade controls
- Portable SCBA fill
- Not for use as part of a SCBA systems
- Not for use between pressure reducing regulator and breathing mask
- This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen

**Nominal I.D.** 1/14"

**Maximum O.D.** 0.52"

**Minimum Bend Radius** 2 in

**Tube** Nylon

**Reinforcement** Aramid fiber

**Cover** Polyurethane

**Maximum Working Pressure** 7000 psi (483 bar)

**Working Temperature Range** -40°F to +180°F (-40°C to +82°C)

**Minimum Burst Pressure** 4x maximum working pressure at 73°F (23°C)

**Vacuum Rating** 28 in Hg

**Crimp Fittings** CG Series

**Weight** 0.07 lb/ft (0.11 kg/m)

**Hose End Choices**

For a full listing of hose end choices, see RELATED PRODUCTS (below).

SKU NO-END

**No Hose End Installed**

SKU NO-END

Select this option if you do not want a hose end installed on Hose End #1 and/or Hose End #2. If chosen, the selected hose end/s will ship bare.

PLEASE NOTE: Custom cut hose and hose ends are special order items and are not returnable and are non-refundable. For additional information see our [RETURNS POLICY](#). For assistance with ordering custom hose and hose ends, or if your application requires "fractional foot" ordering (hose lengths that are not in one-foot increments, i.e. 14-foot, 7-inch hose length), please [contact the Nuair sales team](#).