



**Industrial Hose
Products**



39496-000
July 30, 2009
Supersedes 39496-000
July 30, 2007

Air and Multi-Purpose Hose

33HB (Divers' Air)
(Specification 3333)

| Nom. I.D. (In.) | ⊖ (mm) | Nom. O.D. (In.) | ⊕ (mm) | Max. W.P. (psi) | Ⓜ (MPa) | Suction (In. Hg) | ⊖ (mm Hg) | Min. Bend Radius (In.) | Ⓜ (mm) | Wt. Per Ft. (Lbs.) | Ⓜ (Kg) | Standard Pack | Stock (X) or Minimum Order Qty. | Gates Item No. |
|--------------------|-----------|--------------------|-----------|--------------------|------------|---------------------|--------------|---------------------------|-----------|-----------------------|-----------|---------------|---------------------------------|----------------|
| 3/8 | 9.5 | .75 | 19.1 | 1125 | 7.76 | 30.0 | 762 | 4.0 | 102 | .19 | .09 | 600-699 ft. | X | 3333-0015 |
| 3/8 | 9.5 | .75 | 19.1 | 1125 | 7.76 | 30.0 | 762 | 4.0 | 102 | .19 | .09 | 1000-Plus ft. | X | 3333-0017 |
| 1/2 | 12.7 | .94 | 23.9 | 1000 | 6.90 | 30.0 | 762 | 5.0 | 127 | .29 | .13 | 50-299 ft. | X | 3333-0038 |
| 1/2 | 12.7 | .94 | 23.9 | 1000 | 6.90 | 30.0 | 762 | 5.0 | 127 | .29 | .13 | 1000-Plus ft. | X | 3333-0035 |

RECOMMENDED FOR: Handling mixtures of oxygen, helium and nitrogen gases customarily used in diving applications as air breathing hose. The kink resistant hose is designed for extra long wear under normal operating use.

TEMPERATURE: -40°F to +120°F (-40°C to +49°C) continuous service.

CONSTRUCTION: **Tube:** Type C (Nitrile). Black.
Reinforcement: Braided, high tensile synthetic textile cord.
Cover: Type A (Neoprene). Black. All sizes are perforated.

COUPLINGS: Corrosion resistant couplings supplied and applied by diving contractors.

PACKAGING: 3/8" and 1/2": Packaged 300' and longer lengths. One continuous length on a reel.

BRANDING: Continuous ink print label. Example: "GATES® 33HB DIVERS" AIR 3/8 INCH (9.5mm) MADE IN U.S.A."

SPECIAL ORDER REQUIREMENTS: Contact Gates Corporation for special orders. Special production runs require minimum order quantities of 10,000 feet per size. Special production runs for SPECIFIC LENGTHS require minimum order quantities of 10,000 feet per size and a 35% (x 1.35) premium to price.

REMNANT LENGTHS: None.

STANDARDS: Meets MIL-H-2815G Section 3.12.2 off-gassing for air breathing applications, especially diving.



33HB Divers' Air Hose Couplings

Ferrule

| Size | Description | Gates Item No. | Stock (X) or Minimum Order Qty. |
|------|-------------|----------------|---------------------------------|
| 3/8 | 33HB-6-FRLB | 7207-0597 | 50 ea. (X) |



Stems

| Size | Description | Gates Item No. | Stock (X) or Minimum Order Qty. |
|------|------------------|----------------|---------------------------------|
| 3/8 | 33HB-6-GRFJX-STB | 7207-0598 | 50 ea. (X) |
| 3/8 | 33HB-6-GRQXY-STB | 7207-0599 | 50 ea. (X) |

NOTE: These couplings are to be used with 33HB Divers' Air hose only. 33HB assemblies made with Gates Divers' air couplings are rated at 250 PSI maximum working pressure.

Due to continual product improvements, Gates reserves the right to alter specs and prices without prior notice.