

INSTALLATION DATA SHEET

BRASS D.O.T. FITTINGS FOR RUBBER HOSE (1490)

Applications:

Complete air brake system, including frame-to-axle and tractor-to-trailer gladhand connections except compressor discharge. Use with SAE 51402 Type A hose only.

Construction:

This fitting is available in either a SLEEVE or SLEEVELESS type. The sleeve type is a three-piece unit consisting of the body, sleeve and nut. The sleeveless type consists of only the body and socket. Fittings are manufactured from C36000, C34500 and C35000 brass. The sleeve is made from C36000 brass. The bodies of both types have a hose support Sleeve machined into the body of the fitting. All fittings, except sleeve, must be permanently marked air brake, AB or DOT.

Approvals:

Comm. version MIL-H-3992 Type 1 Class 1, DOT FMVSS 571.106-A1, Penn. State approved.

Pressure Range: Fittings meet minimum 900 PSI burst pressure of SAE 51402 Type A hose.

Temperature Range: From -40" to +200°F.

Advantages: Approved for all air brake applications, except compressor discharge. Easy assembly.

Assembly:

SLEEVE TYPE FITTINGS

Cut hose end square. Slide nut onto hose with threaded end towards hose end. Slide sleeve onto hose with bevel edge of sleeve towards hose end. Push hose into fitting until it bottoms. Tighten nut all the way down.

NUT SLEEVE BEVEL EDGE TOWARD FITTING

SLEEVELESS TYPE FITTINGS

Cut hose end square. The socket hose end has sharp internal threads which bite into the hose covering. Screw hose into socket (left hand thread) until hose bottoms. Back out hose 1/4 turn. Screw insert into socket until it bottoms. (For easier assembly, place socket into vise and lubricate hose I.D. - not the covering - and lubricate insert.).

SIZE: Hoses are measured by the inside diameter (I.D.).