

Equipment Tip 004:

Correct Thread Sizing for 4 Inch DBL Male Adapter (April 2017)

The 4 inch DBL Male Adapter, (Nipple, Hose, Firefighting Adapter, Double Male 4IN) NSN 4210-01-618-4488, P/N N36 4040, identified on the Dewatering Kit AELs, 2-880044240 and 2-880044241 has military unique threading as identified within ASME B1.20.7-1991. The thread sizing is 6 Threads Per Inch (TPI) vice the standard 4 TPI sizing that the fire industry utilizes.

The 4 inch DBL Male Adapter is used in conjunction with the 4-inch eductor and 4-inch discharge hose and allows for the connection of the 4-inch discharge hose to an overboard discharge fitting.

It has been identified that there are incorrectly sized 4inch DBL Male Adapters within the Supply system and onboard some ships. A Quality Deficiency Report has been submitted to DLA to purge the incorrectly sized fittings from the Supply system, however a number of requisition submitted have been filled with these incorrectly sized fittings.

The incorrectly sized fittings are identified figure (1). They are manufactured by Dixon CO. and are labeled as 4.0 NH on the center band containing the rocker lugs. These adapters only have 4 TPI and the outer diameter is slightly larger. **THEY MUST BE REMOVED FROM SERVICE** and replaced with the correct sized fittings.



Figure 1. (INCORRECTLY SIZED FITTINGS - 4 THREADS PER INCH)

The correctly sized fitting are made from either brass or an anodized aluminum. Older ships will most likely have the brass fitting and newer ships will have the anodized aluminum fittings. There is no distinguishing part number on the brass fitting but may have been marked with the last four numbers (0077) of the temporary NSN from a previous AEL. The anodized aluminum fittings are marked on the center band containing the rocker lugs with 4.0 (4.838 X 6) as identified in figure (2).



Figure 2. (CORRECTLY SIZED FITTINGS – 6 THREADS PER INCH)