

1/2" Air Pipe End Cap Coupler with Tank Valve

9800-3055



The 1/2" Air Pipe End Cap Coupler is intended for use at the end of an air pipe where the pipe does not terminate at a Flow Finder Manifold, Manifold Monitoring Assembly or standard air pipe manifold. The fitting is essentially comprised of a 1/2" air pipe to 1/4" NPT-M fitting (Part No. 9800-3054), but it also includes a 1/4" NPT-M tank valve with cap, and a separate Teflon ferrule. The tank valve provides the means of taking end-of-pipe pressure readings to determine the minimum air pipe delivery pressure. The Teflon ferrule is used as a replacement for the slightly smaller-diameter, rigid black plastic ferrule.

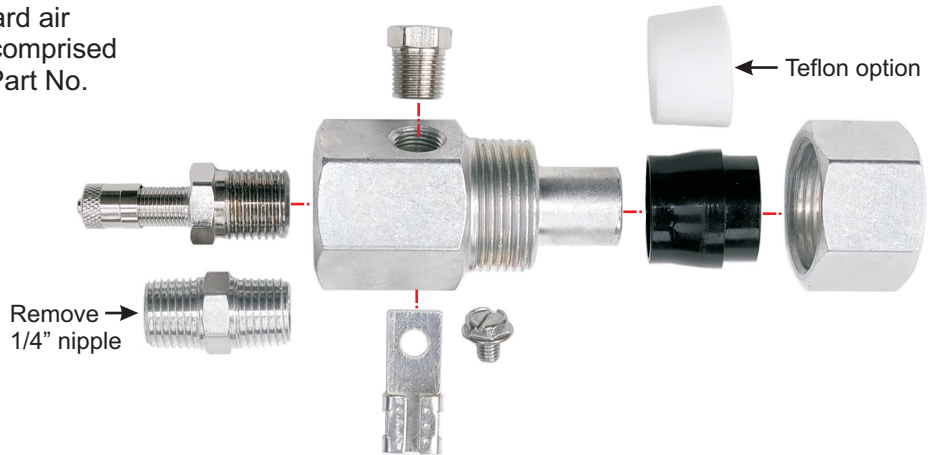


Photo 1 – Components Breakdown

Photo 1 shows a break-down of the components supplied with Part No. 9800-3055. As you can see in the photo, when you assemble the components you will first need to remove the 1/4" nipple and insert the tank valve as shown. You will also need to insert the 1/8" hex head plug and the ground lug connector to prevent pneumatic leaks at the fitting.

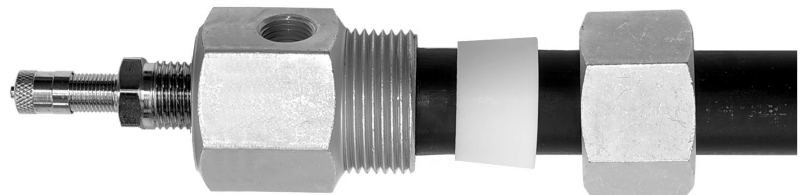


Photo 2 – Proper Placement of Components on Pipe

Photo 2 illustrates how the main coupler components should be inserted over the 1/2" pipe. If the 1/2" air pipe diameter makes it difficult or impossible to place the black ferrule over the pipe, use the Teflon ferrule as shown in the photo. Because the Teflon ferrule is pliable, care should be taken when inserting its tapered end underneath the male connector thread. If any part of the tapered edge is buckled outward or pinched, the fitting may leak when the nut is tightened. **Photo 3** illustrates the correct ferrule placement.

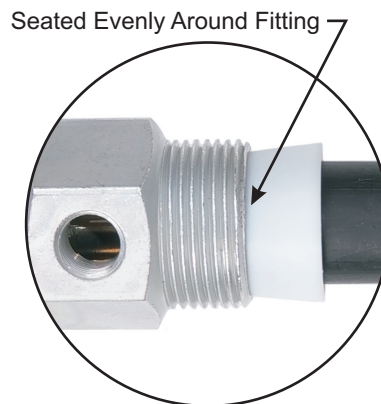


Photo 3 – Correct Ferrule Placement

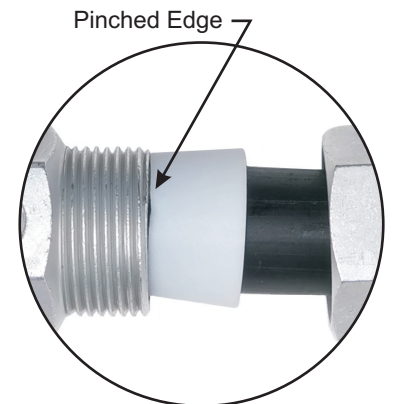


Photo 4 – Incorrect Ferrule Placement

