

Compressed Air Hoses

The hose connects from the piping to the respirator. This may seem like an insignificant part of the system but every part is important.



Here is a picture of a hose found in use in a workplace. The hose shows significant degradation over time. Its ability to resist chemical permeation is questionable at best.

You should always use the recommended hose for your respirator. The hose is part of the respirator and use of a different hose can invalidate the NIOSH-approval of the system.

Even the correct hose will not last forever. Hoses should be inspected at least monthly to look for signs of cracking or degradation.



During one test in a noisy grit blast booth, the air flow was found to be below the requirement of the CSA standard. The unit had been tested many times before and always had adequate airflow. A quick inspection found the hose had a rather large hole in it. Who know how long the system had not been providing sufficient airflow to the worker? Replacing the hose was an easy fix.