

**NC Department of Insurance
Office of the State Fire Marshal - Engineering Division
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Flexible Air Duct in Garage of Single-Family Dwellings

Code: 2018 Residential Code

Date: March 21, 2019

Section: R302.5.2

Question:

For one and two family dwellings and townhouses, can flexible air duct or flexible air connectors be installed in a garage?

Answer:

No. For one and two family dwellings and townhouses, the code (R302.5.2) requires duct in a garage or ducts penetrating a wall or ceiling separating the dwelling from the garage to be constructed of a minimum No. 26 gage sheet steel or other approved material. Other approved material must provide equivalent or better protection for preventing the passage of fire and smoke into the dwelling in the event of a fire in the garage.

Key Words:

HVAC, airconditioning, air-conditioning, air conditioning, heating, furnace, ventilation, vent