

## **INFORMAL CODE INTERPRETATION**

**NC Department of Insurance  
Office of the State Fire Marshal - Engineering Division  
1202 Mail Service Center, Raleigh, NC 27699-1202  
919-661-5880**

### **Flexible Air Duct in Garage of Single Family Dwellings**

**Code:** 2012 Residential Code

**Date:** July 2, 2012

**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, heating, furnace, ventilation, vent