



A 4-inch dryer duct is one of the most common fire and nuisance callbacks. Screens at the outlet, screws in the airstream, and fire dampers in dryer ducts are easy redlines.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 504.1–504.4.2. Confirm the adopted edition and the manufacturer's instructions. This is not a dryer-duct design. Distinct from 501.3 environmental exhaust and from 504.10–504.11 commercial / shaft dryers.

☐ **504.1: exhaust to the outside unless it is a listed condensing (ductless) dryer.**

504.2: seal the annular space. Rated assemblies: proper-gauge steel or aluminum and maintain the rating. No fire damper or combination fire/smoke damper in a dryer duct.

☐ **504.3: each vertical riser needs a lint cleanout (multistory).**

504.4: outside termination with a backdraft damper. No screens. No fasteners protruding into the airstream. Independent of vents, chimneys, plenums.

☐ **504.4.1: if the manufacturer does not give a location, at least 3 ft in any direction from openings into the building — include**

504.4.2: outlet stays full size and at least 12.5 in² open area. No crushed boots.

The fail we see first

"Just a 4-inch flex" through a rated wall, a screen at the outlet, or a termination in a vented soffit. Lint does the rest.

What to send: unit count (dwelling vs common riser), routing through rated walls if any, and the termination location relative to windows and soffits.

Send the comments. Not the County guideline.

Folio (does it start with 30?), process or UP number, and the comments PDF. Masterbuild will say which row is actually open.

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+1 (786) 398-6940 · Calendly: 30-minute scoping call

Masterbuild provides engineering services under a written scope. Not a dryer-duct design. Confirm adopted 504. This is not legal advice.