



Type I hoods are required where appliances produce grease or smoke — generally medium-, heavy-, and extra-heavy-duty cooking. Labeling "Type I" on a schedule is not the hood. The drawings have to show the listed exhaust rate, materials, liquid-tight construction, 18-inch combustible clearance (or a listed reduction), and how any hood portion that penetrates a ceiling is enclosed. Field-applied grease-duct wrap cannot satisfy that enclosure.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 507.2–507.2.7. Confirm the adopted edition. Distinct from Type II (507.3) and makeup air (508). This is not a hood selection.

- ☐ **507.2.1: Type I hoods labeled with the minimum exhaust flow rate (cfm per linear foot) for capture and containment based on 507.2.2:** Type I hoods serving extra-heavy-duty appliances cannot cover heavy-, medium-, or light-duty appliances, and must discharge to an exhaust system independent of other exhaust systems.
- ☐ **507.2.3 materials: steel 18 gage minimum (0.0466 in) or stainless 20 MSG minimum (0.0335 in).**
507.2.4: noncombustible supports, designed for hood load plus unsupported grease-duct load, effluent loading, and potential personnel loads.
- ☐ **507.2.5: exterior joints — continuous external liquid-tight weld or braze. Interior seams sealed grease-tight.**
507.2.6: default 18 in clearance to combustibles (exceptions for listed UL 710 reduced clearances). 507.2.7: hood portions penetrating ceilings, walls, or furred spaces must comply with 506.3.11 enclosure — field-applied wrap (506.3.11.2) cannot satisfy this.

The fail we see first

"Type I" with no hood listing or cfm/ft. Extra-heavy-duty fryers under a hood that also covers a light-duty steam table. Wrap used to "enclose" a hood that punches the ceiling.

What to send: the cooking lineup (duty class), the hood catalog / listing, whether the hood penetrates a ceiling, and the grease-duct enclosure method.

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.

masterbuildconsulting.com/send/

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

Masterbuild provides engineering services under a written scope. Not a hood selection. Confirm adopted 507.2. This is not legal advice.