



Air dispersion systems are not just “fabric duct.” IMC 603.17 treats them as a specific product: entirely exposed, positive-pressure only, no fire-resistance-rated penetrations, listed and labeled to UL 2518. Above a ceiling, on exhaust, or through a rated wall is the usual redline.

Original Masterbuild PE packet from Daily Code Talk on 2024 IMC 603.17. Confirm the adopted edition. Distinct from flexible ducts (603.6) and registers (603.18). This is not a fabric-duct selection.

☐ **Installed entirely in exposed locations — no above-ceiling or concealed runs.**

Positive-pressure systems only. Cannot be used in exhaust or negative-pressure applications.

☐ **Cannot pass through or penetrate fire-resistant-rated construction. Transition to conventional duct before any rated assembly.**

Listed and labeled in compliance with UL 2518. Identify it as an air dispersion system, not just “fabric duct.”

☐ **On the set: exposed routing start-to-end, positive-pressure basis, UL 2518 listing, mounting/termination and transition details.**

Appearance, cost, and throw are why it gets selected; those four 603.17 limits are why it gets redlined.

The fail we see first

Fabric sock in a gym, drawn above the ceiling grid. Or used as exhaust. Or run through a rated wall like standard duct.

What to send: where the fabric / air-dispersion run is shown (exposed vs above ceiling), whether it is supply or exhaust, and any rated wall it crosses.

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 fabric-duct selection. Confirm adopted 603.17. This is not legal advice.