

Securing items in fume hood
Originated by Bill Fanning (URI) on February 20, 2013

From: Bill Fanning (URI) on Wed, 20 Feb

All,

I would like to add a quickly adaptable metal framing system inside our fume hood to help scientists secure their chemicals, ice baths and other stuff.

A chemistry ring stand clamping arrangement comes to mind as do the fiddles used to keep the cook's pots on the stove. Anyone have a design, structural framing product or manufacturer they would like to share? I am familiar with Unistrut but I am looking for something lighter weight.

Thank you,
Bill

William L. Fanning
R/V Endeavor Technical Services
URI Graduate School of Oceanography
Narragansett, RI 02882

Reply From: Marc Willis (OSU) on Wed, 20 Feb 2013

Bill,

You might look at 80/20 as an alternative. www.8020.net It's aluminum, and very adaptable. Might be overkill in a fume hood, but you never know.

Marc

Marc Willis
Marine Science Technical Director
SIKULIAQ Shipyard Project Office
Until 4 March 2013: on travel and at OSU

Reply From: Dale Hubbard (OSU) on Wed, 20 Feb 2013

Hi Bill,

I've employed GRP (glass-reinforced plastic) unistrut with great success for a few similar projects. Given that anything inside of a fume hood is likely to be subjected to acid vapors upon occasion, I think this product would serve you well. There is a wide variety of unistrut stock, components & accessories

made from this material.

Good luck,

Dale Hubbard
OSU
CEOAS