

TECHNICAL ASSISTANCE REQUEST (2 PAGES, INCLUDING IMAGES, WILL BE MADE PUBLIC)

Provide a two-page description of the unique challenges and needs a national lab, private facility, and/or member of the American-Made Network could potentially help you resolve. The Prize Administrator will make this request broadly available so members of the American-Made Network can understand your needs and assist you through the voucher program or otherwise.

We expect two main challenges throughout the competition that a member of the American-Made Network could help with. The first will be large-area air-tight encapsulation or lamination, on either rigid or flexible substrates. The active areas will begin as ~1 inch stripes.

The second need is longer term stability characterization, leading to official certification to present to potential customers. Facilities catering to either IEC 61646 environmental testing protocol or ASTM E1171 cyclic temperature humidity testing would be valuable, and especially welcome would be expertise in accelerated testing, such as damp heat testing.

Facilities for the characterization of wetting (such as wetting angle) could also become convenient in testing the inks we blend.