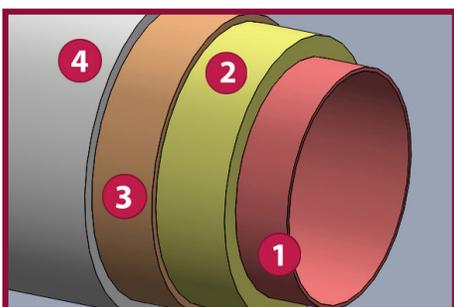
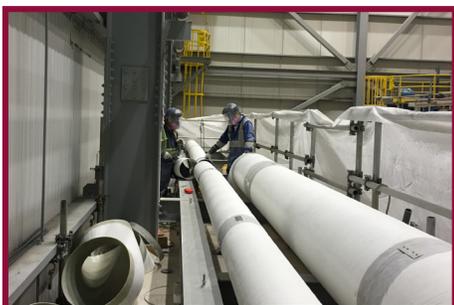


LABDUCT

HYBRIDIZATION FOR YOUR CUSTOMIZATION



Hybrid Duct

The anatomy of a hybrid duct is comprised of four parts:

- 1) Vinylester Interior - Fire Retardant Corrosion Liner
- 2) Modified Acrylic Structural Layer - Class 1 Rated for Low Smoke & Low Flame
- 3) Modified Acrylic Exterior - Class 1 Rated for Low Smoke & Low Flame
- 4) Exterior Coating - Factory Applied Corrosion Resistant Gel Coat

Monoxivent takes great pride in creating and providing innovative solutions to meet the needs of our clients. That's exactly what we did with our hybrid LabDuct. Designed for a laboratory at Northwestern University, LabDuct is a bridge product between corrosion resistance and a Class 1 duct for flame and smoke. Since our Northwestern project, we have met the needs of numerous other clients including DOW Chemical and the University of Minnesota.

WHAT DOES THAT HYBRIDIZATION MEAN EXACTLY?

LabDuct's corrosion resistant interior handles the corrosive laboratory fumes, while the exterior structural layer is a Class 1 duct material per ASTM E-84 for Flame Spread less than 25 and Smoke Development less than 50. This blend offers corrosion-resistance with low smoke—something necessary for use in occupied buildings.

LabDuct can handle a wide variety of chemical fumes, including strong acids and caustics.

It is commonly used in:

- Hospitals
- Aquariums
- Laboratories
- Exposed vehicle exhaust duct
- Swimming pools
- Dog kennels

As you can see, Monoxivent's Hybrid Ducts are fabricated to be more safe for everyone. Sometimes we use our L3 joint system with LabDuct. That means there is no grinding dust and the adhesive has less than 80 gr/ml of VOCs, contributing to LEED point certification. LEED certification means the project aims to use less water and energy and reduce greenhouse gas emissions.

From concept to completion, we are here to provide you with the highest quality products and installation you'll find on the market. The proof is in Monoxivent's 40 years of excellence and experience in the industry.

MONOXIVENT
FRP - Fiberglass Reinforced Plastic

HD Hybrid Lab Duct
by Monoxivent