

Coextruded Plastic Tubing

EVERYTHING COMPLETE THE WHOLE ENCHILADA

**Not just have everything...
You can have everything else.**

**Our coextrusion technology means that you
can have it all.**

We've always described our tubing as having everything. Our Fre-Thane® polyurethane tubing is virtually kink-proof, and our Nylon is famous for its chemical resistance. Now, with our new coextrusion technology, you can have it all in one tube. Maybe you need the flexibility of PVC but the durability of polyurethane. We can now do that. Want it coiled? We can do that, too.

Suggested Combinations

Nylon Inside - Fre-Thane® Polyurethane Outside

The chemical resistance of Nylon with the abrasion resistance and memory of polyurethane.

Fre-Thane® Polyurethane Inside - Nylon Outside

Snap-back kink resistance inside with environmental chemical resistance for immersed tubing.

Nylon Inside - Static Dissipative Outside

A chemical resistant tube with ESD properties. Because it has polyurethane's snap-back kink resistance, it makes a great coil.

PVC Inside - Fre-Thane® Polyurethane Outside

The flexibility and FDA approval of PVC with the toughness of polyurethane.



Air Engineering and Supply

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Fits and Arrives On Time

Coextrusion is, simply put, “a tube within a tube.” It’s made by simultaneously extruding both tubes on the same extrusion line. While the inside tube is formed, the outside tube is formed around it.

The process has been around for a while. The colored stripes common on drinking straws are put there through a coextrusion process. Though the process is not new, Freelin-Wade’s technology development and experience in the fluid power industry make this a ground-breaking product.

The primary benefit of coextrusion is that the two layers can be made from different materials, allowing you to take advantage of the best attributes of both. Unlike jacketing, the two tubes become one and won’t separate.

Because many combinations are possible between materials, diameters, and colors, all coextruded tubes are manufactured on demand according to your specifications.

HAVE IT ALL



Unlike jacketing or our weld-spatter, coextrusion makes the two tubes into a single tube that won't become separated.



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