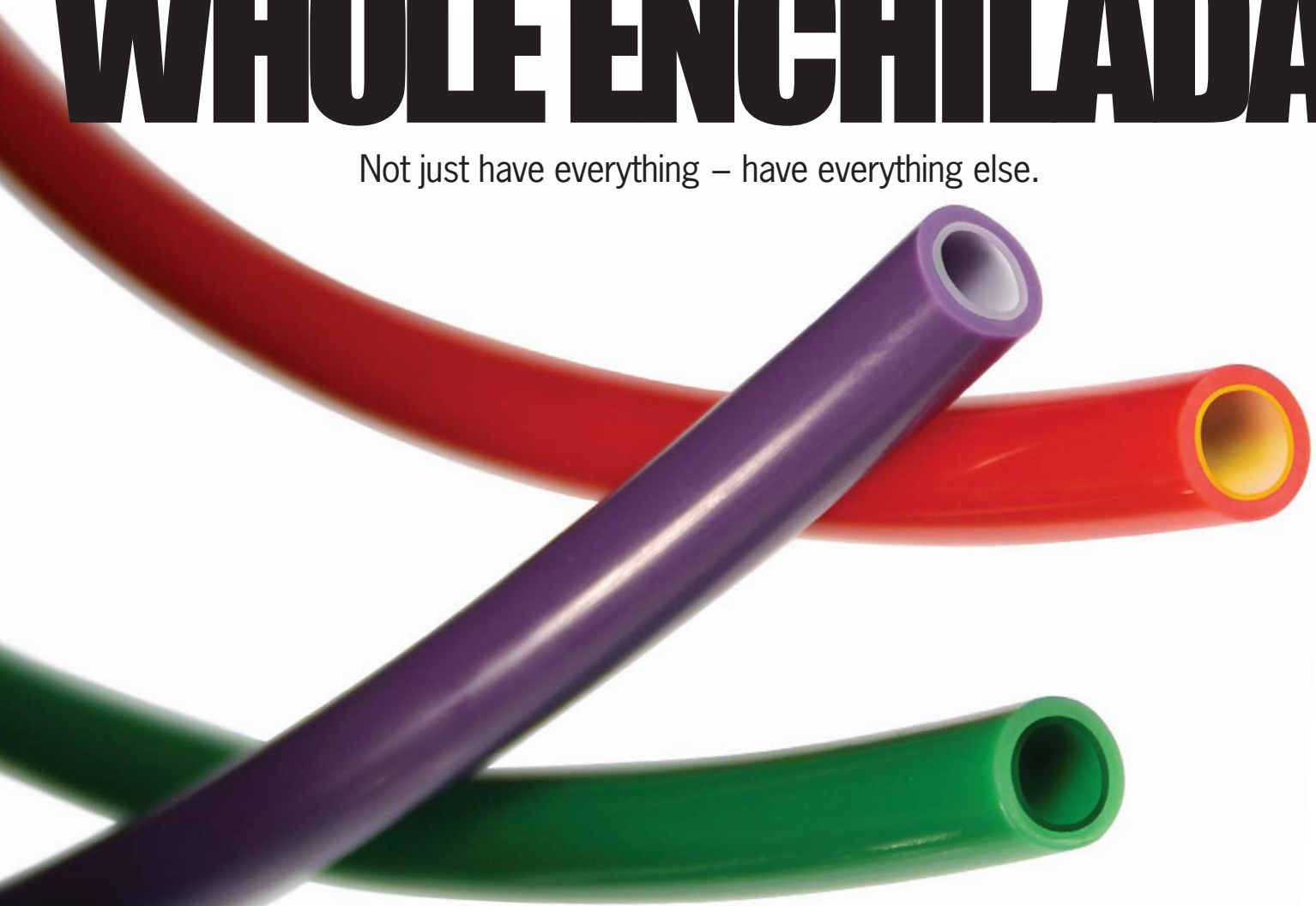


# EVERYTHING COMPLETE WHOLE ENCHILADA

Not just have everything – have everything else.



Our new coextrusion technology means that you can have it all

Since 1980, we've described our tubing as having everything. Our Fre-Thane® polyurethane tubing is virtually kink proof and our Nylon 11 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 need the durability of polyurethane. We can now do that. Want it coiled? We can do that too. Call us to learn more: 503-434-5561 or 888-373-9233

*Well Connected*

 **FreelinWade**  
A COILHOSE COMPANY

# HAVE IT ALL

## Endless Possibilities

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. In fact, the colored stripes that are 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 giving you the best attributes of both. Unlike jacketing, the two tubes become one and won’t become separated.

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

## Suggested Combinations

- Nylon 11 Inside – Fre-Thane® Polyurethane Outside  
*The chemical resistance and earth-friendly qualities of Nylon 11 with the abrasion resistance and memory of polyurethane.*
- Fre-Thane® Polyurethane Inside – Nylon 11 Outside  
*Snap-back kink resistance inside with environmental chemical resistance for immersed tubing.*
- Nylon 11 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.*

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



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