ULTRA-PURE AND CHEMICAL RESISTANT HOSES & FITTINGS
VERTICALLY INTEGRATED
PureFlex manufactures more of its own product in one building than any other company in the industry. Using state of the art manufacturing techniques, PureFlex integrates design, hose and fitting manufacturing, assembly and testing - all under one roof - guaranteeing our customers' precise product components and enhanced quality controls. Add great customer service, the largest selection of hose choices and end connections, and it's easy to see why PureFlex leads the industry.

HOSES
PureFlex hoses are engineered and manufactured for maximum flexibility and performance against the broadest range of chemicals, temperatures and pressure extremes.

For Sanitary and Ultra-Pure applications, PureFlex hoses and fittings meet and/or exceed Pharmacopoeia USP 23 Class VI, FDA 21 CFR 177.2600, USDA and 3A criteria. PureFlex hoses do not age and withstand repeated flexing and continuous exposure to hostile environments. You won't find another hose and fitting manufacturer that matches PureFlex performance or capabilities.
PureFlex has designed and manufactured the most diverse fitting and collar selection in the industry.

**Fittings**

PureFlex fittings and collars are manufactured specifically for plastic-lined hoses. Applying aerospace-quality standards, they are designed for true-bore plastic hoses including smooth bore, convoluted and rubber-covered plastic lined.

All fitting styles may not be available for all hose types.

**Fitting Materials**

A wide range of fitting materials include carbon steel, 304 S.S., 316 S.S., Monel, Hastelloy, solid Kynar (FV0F), solid polypropylene or PFA encapsulated. Other materials available upon request.

To achieve maximum plastic hose performance, specify PureFlex PFA encapsulated fittings. Advantages include zero corrosion rates and lower lifecycle costs.

PureFlex PFA encapsulated fittings provide maximum chemical and vacuum resistance to 450°F.

PureFlex hoses with flare-thru design provide the ultimate in liner utilization maximizing corrosion resistance and cleanability.
"HIGH PERFORMANCE" AEROSPACE BARB DESIGN

- Double-sided barb design locks fittings securely into hose.
- Fitting barb height and angles are tightly controlled to eliminate tearing and splitting of plastic hose during assembly, fabrication, and operation.
- Optimizes pressure and sealing capabilities.
- Eliminates cold flowing of liner around fittings; hose shifting in both directions; fitting blow off.
- Smooth transition between fitting and hose eliminates product entrapment.
- Easy-to-assemble collar and fitting "dog lock" design.

TRI-LOC™ ULTIMATE BLOW OFF PREVENTION

1. Dog lock
2. Barb collar
3. Double sided barbs
MARKETS
Chemical Process
Pharmaceutical
Steel
Food Processing
Automotive
Agriculture
Pulp and Paper
Petroleum
Mining
Railroad
Dairy
Textile
Semiconductor

APPLICATIONS
Acid Transfer
Pickling
Reverse Osmosis
Steam Transfer
Molding Equipment
Adhesives
Air Actuation
Sanitary Transfer
Purification Systems
Centrifuges
Extrusion Presses
Caustic Wash
High Purity

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4855 Broadmoor Ave.
Kentwood, MI 49512
Phone: (616) 554-1100
Fax: (616) 554-3633
Web: www.pureflex.com

PureFlex™ INC.
ANDRONACO INDUSTRIES

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