In the early 1990s, due to corrosion and other issues, the petroleum industry had rendered steel pipe obsolete in underground fuel transfer applications. Rigid fiberglass pipe was introduced as a potential replacement pipe solution. But, like steel pipe, fiberglass pipe required glued elbow joints that posed potential leak points, and if a leak ever did occur it would demand total excavation to resolve the problem. Enter PISCES and ultimately FlexWorks by OPW. A joint-less, flexible pipe solution that forever changed the world of fuel transfer with the highest level of environmental protection possible. Easiest, fastest, most cost effective installation of any fuel transfer pipe of any kind, and totally accessible all the time without ever having to break concrete to maintain or replace.

The Chemistry of Partnership - 20 Years of Innovation
In 1997, OPW combined its engineering and manufacturing expertise with Arkema’s world-renowned scientific minds, to create the world’s most innovative, impenetrable, impervious, invulnerable, indestructible flexible fuel transfer pipe.

50 Years of Proven Kynar® PVDF Chemistry
At the heart of all OPW piping is Kynar® PVDF, Arkema’s patented chemistry with a 50-year performance record in the world’s most demanding chemical applications. Kynar® PVDF forms the foundation of PISCES and FlexWorks stellar reputations and time-proven performance.

#1 in Flexible Fuel Transfer Pipe Worldwide
Today, FlexWorks by OPW is the bona fide industry standard in flexible fuel transfer pipe worldwide. FlexWorks provides the best possible environmental protection and economically beneficial fuel transfer pipe solution for marketers, bar none.

20 YEARS OF MILESTONES
OPW is proud of its partnership with Arkema and the success of and FlexWorks with Kynar® PVDF. As the world of fuels continues to evolve, OPW and Arkema will be leading the way creating innovative, reliable, and scientifically-based fuel transfer solutions capable of meeting any fuel transfer requirement.

1996
OPW acquires Buffalo Environmental Products and secures the patent for all flexible fuel pipe between two sumps.

1997
OPW engineers join forces with Arkema scientists and launch PISCES using Arkema’s patented Kynar® PVDF. The chemistry of partnership begins!

2006
OPW begins manufacturing pipe in Smithfield, NC. This pipe meets the new UL 971 standard and is the first to utilize Kynar in all pipe layers and surfaces of potential fuel exposure

2011
OPW launches their Next Generation FlexWorks pipe utilizing Kynar ADX – Arkema’s most advanced PVDF formula to date.

2014
OPW reaches milestone of 70,000 sites and 10 million feet of pipe installed worldwide.

2016
OPW celebrates 20th anniversary of Piping Excellence and partnership with Arkema.

www.opwglobal.com/flexworks-pipe
The World’s Most Specified Flexible Fuel Transfer Pipe

OPW FlexWorks flexible piping utilizes fully bonded, premium Kynar® PVDF construction throughout to offer complete peace-of-mind protection, performance, installation ease and advantages over rigid and semi-rigid pipe.

Premium materials of construction
- Patented Kynar® PVDF chemistry - the Gold Standard in thermoplastic pipe technology
- Unmatched permeation resistance in the most aggressive fuel and chemical transfer applications
- 50-year track record of performance

Elimination of potential underground leak points
- No underground fittings or joints
- No hand-built field joints
- All termination points are contained safely inside sumps
- Termination joints precision swaged to simulate factory made assemblies

Lower installation costs
- Eliminates the hassles – installation time and potential leak points of rigid pipe installations
- Fast and easy installation – results in less installation labor, time and cost
- Eliminates burdensome cutting, fitting, and cleaning
- No adhesives – heat assists, curing problems or electrofusion welding of joints
- Easy to bend – no special fittings to install in order to make bends

### Listings and Certifications:

**Product #** | **Size** | **Description** | **Working Pressure** | **Temperature Rating** | **Burst Pressure**
--- | --- | --- | --- | --- | ---
C075A | 3/4” | 1.9 | Double-Wall Primary Pipe | 145 | -29° to +49° C | Exceeds 5X Working Pressure
C10A | 1 | 2.54 | Double-Wall Primary Pipe | 125 | -20° to +120° F | 8.6 bar
C15A | 1.5 | 3.8 | Double-Wall Primary Pipe | 100 | -20° to +120° F | 6.9 bar
C20A | 2 | 5 | Double-Wall Primary Pipe | 75 | -20° to +120° F | 5 bar
C30A | 3 | 7.6 | Double-Wall Primary Pipe | 75 | -20° to +120° F | 5 bar

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