

MAXARFLEX™ Delivers

Maintenance crews and mechanical contractors want the ability to fabricate dual laminate pipe spools where and when they need them, especially in emergency situations. They also want a product that requires no thermoplastic welding.

With MAXARFLEX™ your team can take back control of the work and timing, and be up and running again in as little as 90 minutes.

Building on 35 years of successful application of our dual laminate MAXAR™ piping products, our MAXARFLEX™ system preserves the integrity of our bonded, seamless thermoplastic liner and enables pipe sectioning and re-spooling, all without the specialized expertise of a composites technician.

What's Included

When you order MAXARFLEX™ you'll receive all the tools required to section and replace your own spools in-house.

How it Works

1. Your maintenance team identifies a section of lined steel or lined FRP that needs replacing.
2. Workers retrieve replacement MAXAR™ pipe from inventory and prepare the end(s) with the MAXARFLEX™ tooling kit.
3. With the skyving tool they remove the outer FRP, and install a new RPS DuoForm flange.
4. They trim and flare the liner.
5. Repeat for the other end, if necessary, and place into service.



“This innovative product will revolutionize the dual laminate piping industry through its ease of use and the flexibility it gives back to the end user.”

Compare the Benefits

MAXARFLEX™ is an improved direct replacement for **lined steel** piping systems:

Product Features	Benefits to You	MAXARFLEX™	Lined Steel
Seamless bonded liner	Full vacuum rating. Eliminates liner failures, particularly in thermal cycling applications. No need for weep holes and the subsequent potential for highly corrosive leaks.	✓	
Lined steel fitting dimensions	Bolt in replacement of corroded or failing lined steel fittings.	✓	✓
Corrosion resistant FRP structure	No external painting or coating required.	✓	
Light weight — less than one third the weight of carbon steel pipe	Safer to handle, faster to install	✓	
Inventory of standard pipe and fittings	Reduced down time	✓	✓
Lap joint flanges available	Flexibility in bolt hole alignment, faster installation	✓	✓
Multiple liner materials available (FEP, PVDF, PFA)	Optimizing cost and performance	✓	✓
Inherently corrosion resistant throughout	Lower life cycle costs	✓	
Easily field fabricated	Lower installed cost	✓	✓

RPS Composites' DuoForm flanges are bonded with high strength epoxy adhesive and have been successfully tested to ASTM D4024.

Pipe and fittings can be customized with various liners including FEP, PVDF, and PFA.

MAXARFLEX™ can be used with 1½", 2", 3", and 4" dia. pipe.

RPS technicians are available for training.

For more information, installation videos, and to order, go to www.rpscomposites.com/MaxarFlex



RPS DuoForm flanges can withstand up to 4 times the recommended sealing torque.

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