



Ultra high pressure Hose & Fittings

End-to-end Solution



Embracing Challenges: Severe Tests in Industry Transformation

Against the backdrop of increasingly stringent near-shore emission controls and the consensus on sustainable operations within the industry, traditional sandblasting and chemical rust removal methods have become inadequate to meet the actual demands of the shipping and chemical sectors due to dust pollution, prolonged downtime, and high maintenance costs.

Solution: Integration of Innovation Technology and Localized Support

In response, Parker Hannifin, in collaboration with our distribution partners, has launched a comprehensive solution centered around the Ultra High Pressure Waterblast Hose - [PFX30 Series \(3010 BAR\)](#) and [Crimped Thermoplastic UHP Hose Fittings, 2X Series](#).

This solution focuses on dust-free operations, high efficiency, and localized service support. It has already achieved mass production-level applications in several large shipyards and chemical projects, significantly enhancing environmental compliance, operational efficiency, and maintenance controllability.

This solution is not limited to products; it also encompasses a comprehensive service and support system:



Localized Assembly: On-site crimp assembly and factory testing are provided by Parker-authorized Shenyang factories, ensuring the quality of hose assemblies and shortening delivery cycles.

Stable Supply Chain Assurance: Through a rolling stock mechanism from distributors and Parker's robust supply chain support, the system achieves rapid response and timely delivery.

Engineering Optimization Services: Parker engineers provide customized adjustments for pressure resistance, sealing performance, and environmental adaptability, along with on-site technical support and training.

Value Gained by Customers: Significant Overall Benefits

This solution has been successfully applied in multiple large shipyards and chemical projects, delivering significant value and results for customers:

Substantial Improvement in Operational Efficiency: Compared to traditional sandblasting/chemical rust removal, on-site cleaning efficiency has increased by over 30%, significantly shortening construction cycles and reducing downtime.

Environmental Compliance and Green Construction: Achieving dust-free, zero secondary pollution green construction that meets and exceeds current environmental regulatory requirements, facilitating environmental acceptance.

Reduction in Maintenance and Overall Costs:

Maintenance costs have decreased by approximately 20%, component lifespan has been extended, and the total cost of ownership (TCO) has significantly declined.

Strong Localized Support Network: Localized crimping and distributor rolling stock have significantly shortened delivery cycles and on-site response times, enhancing project continuity.

This successful collaboration has brought multiple follow-up orders to Parker's distribution partners across various industries, establishing them as key solution providers in East China.

As the head of the distribution partner stated: "Parker not only provides high-quality products, but its localized service and comprehensive technical support system are key to our project success."

A representative from Parker also added: "We are committed to helping customers achieve safer, more efficient, and greener operational models through advanced technology and localized capabilities."



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