

A large, complex industrial structure, possibly a crane or part of a power plant, is silhouetted against a bright, hazy sky at sunset or sunrise. The structure consists of a dense network of steel beams and supports. A crane arm extends from the left side, and a hook is visible hanging from it. The overall scene is dramatic and industrial.

SG DYNAMICS PTE LTD

**CAPABILITY
STATEMENT**

ABOUT SG DYNAMICS

Delivering Excellence in Every Connection

SG Dynamics is a newly established company dedicated to serving the oil and gas industry as an authorized distributor of Parker Polyflex products.

Despite being a new entrant, SG Dynamics is built on a foundation of strong expertise of 17 years in the relevant industry with a strong commitment to producing high quality and specialized hoses, fittings, and fluid transfer solutions up to 60000 psi.

SG Dynamics supplies low, medium, high, and ultra-high pressure fluid transfer solutions up to 60,000 psi (4,135 bar) using a wide range of fittings, valves, and instrumentation components.

As a certified partner, we ensure our clients receive reliable, high-performance products that meet rigorous industry standards.

QUALITY COMMITMENT

- NATA Accredited Pressure testing to 5,000 bar (72,500 psi)
- Exclusive Parker Polyflex Certification in Oil & Gas, Water Jetting, and Hydraulic to 4,135 bar (60,000 psi)

All testing and processes ensure that the products meet the performance and safety requirements of the respective industries.



PRODUCT OVERVIEW

At SG Dynamics, we are an authorized and certified distributor of Parker Polyflex hoses, offering a comprehensive selection of ultra-high-pressure thermoplastic hoses capable of handling pressures up to 4000 bar (58,000PSI).

THERMOPLASTIC HOSE ASSEMBLIES

We are Polyflex certified workshop and fully Oil and Gas hose assembler up to 4,135 bar (60,000 psi) working pressure

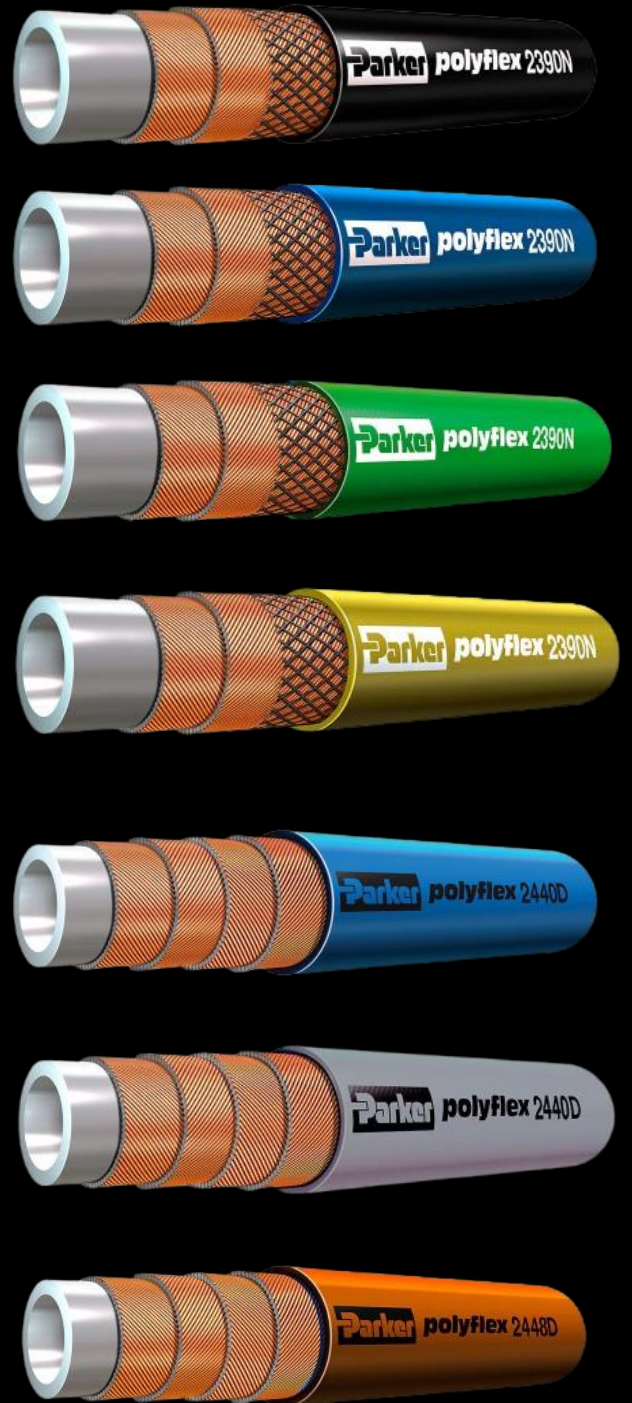
- Water Jetting, Blasting and Cutting
- Hydrotesting

OIL & GAS HOSE ASSEMBLIES

We supply a wide range of quality hose assemblies and fittings to the Oil and Gas industry and are an authorized and certified Parker Polyflex distributor.

RUBBER HOSE ASSEMBLIES

Our rubber hose assemblies are made using the premium hose brand, Parker, and are pressure-tested and certified to international standards. Also available from stock is a wide range of matched fittings.



SERVICES

HOSE ASSEMBLIES AND CRIMPING

SG Dynamic provides assembly and crimping of high-performance hose solutions

- Tailored for offshore, subsea, and industrial applications
- Adhere to rigorous Parker Polyflex standards for safety and performance
- In-house crimping service ensures precision and strict work practices
- Hose solutions are engineered to exceed industry standards
- Deliver long-lasting and efficient results for critical operations



HOSE FLUSHING

SG Dynamic provides water glycol flushing services using advanced equipment

- Enhances operational efficiency and reduce system downtime
- Removes impurities, including micron-sized metal particles
- Prevents premature wear, component failure, and inefficiencies
- Achieves cleanliness standards of NAS 7 or better (tailored to client specifications)
- Ensure optimal system performance, cost savings and extend equipment lifespan

HYDROSTATIC PRESSURE TESTING

SG Dynamic provides comprehensive hydrostatic pressure testing assemblies

- Handle pressure up to **65,000 PSI**
- Utilizes state of the art in house test rigs
- Accurate and reliable testing
- Provides in-house certification



PROJECTS

SG Dynamics have successfully supported numerous projects either directly or through our valuable trusted partners, to drilling contractors and system fabricators. Our dedication extends beyond basic supply, showcasing our commitment to excellence in every aspect of project delivery.



SG DYNAMICS PTE LTD

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