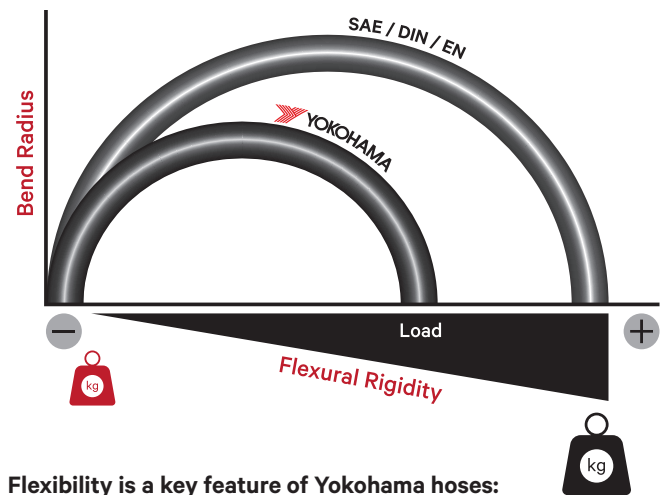


YOKOHAMA HOSE AND MATCHED FITTINGS

It is important to BOA that our customers who work with high-pressure hoses in high-pressure environments, have a product that is superior in performance and service life. That's why we partnered with Yokohama who have a reputation for "Long Life and High Durability" hoses.







Yokohama have been operating since 1917, and are a market leader who supply many of the industry's best such as Hitachi, IHI, Kato, Kobelco, Komatsu and Yanmar.

As the preferred partner of Yokohama in NZ we take great pride in the service and quality we offer our customers through this partnership.



Flexibility is a key feature of Yokohama hoses:

6 Key Benefits of Yokohama Hoses

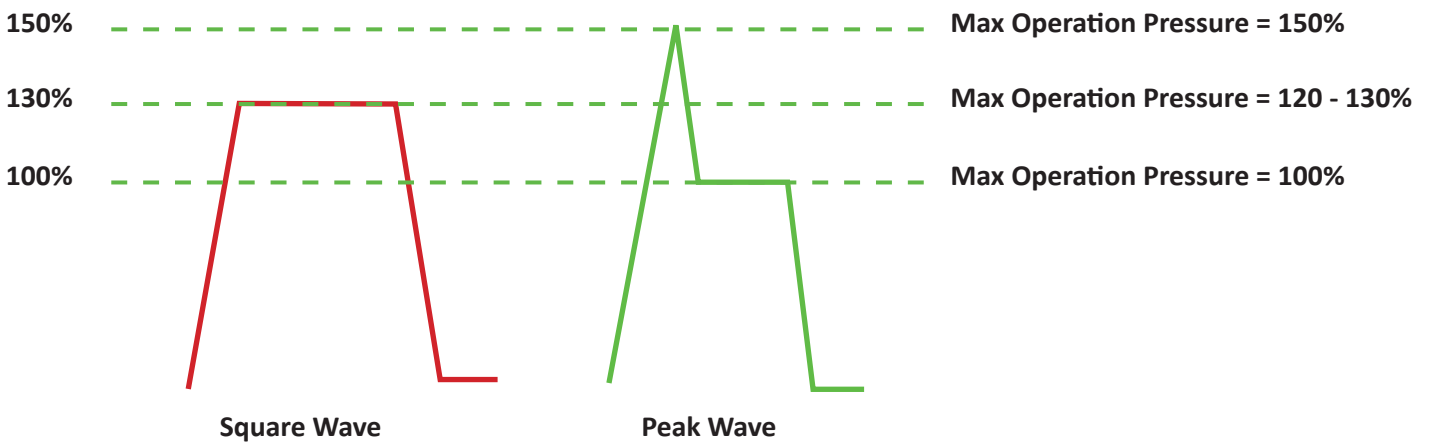
-  **Half the Bend Radius** - Bend radius is half of the conventional spiral hoses type SAE, giving you greater flexibility and ease of use.
-  **Smaller O.D.** - Enables you to fit more hose in tight quarters, or jump up a hose size for better flow.
-  **Impulse Test Performance** - Superior performance & service life.
-  **Constant Pressure** - Made to ISO 18752 specifications, and provides constant pressure performance across all sizes.
-  **High Abrasion Resistance** - Delivers long dependable service life in rigorous installations.
-  **Lighter Hose** - Weighs 25% less than conventional spiral hoses, so is easier to handle and install.

Our Yokohama hoses are matched with BOAforce fittings and come with factory recommended crimp specifications which have been subjected to pressure testing at 3x working pressure of the assembly, allowing you to buy with confidence.



Yokohama hoses are tested using the rigorous Hitachi and Komatsu spike testing method. This method uses a higher pressure cycle than normal SAE testing, at 1.2 million impulses compared with average SAE testing of 400,000-500,000 impulses.

Superior Testing Method for Yokohama Hoses



Square Testing Wave
 SAE and EN hoses apply this method

Surge/Peak Testing Wave
 Comes from the JIS, Komatsu and Hitachi method.
 (Simulating the hammering condition of heavy machines)

	Impulse Wave Type	Oil Temp.	Test Pressure	Impulse Times
SAE 100R12	Square	100°C	MOP x133%	500,000 times
SAE 100R13	Square	121°C	MOP x120%	500,000 times
EN 4SP	Square	120°C	MOP x133%	400,000 times
EN 4SH	Square	100°C	MOP x133%	400,000 times
Komatsu	Peak	100°C	MOP x150%	1,200,000 times
Hitachi	Peak	120°C	MOP x150%	1,200,000 times

* MOP is Max Operation Pressure

Talk to a BOA team about Quality Hose and Fittings
0800 20 20 20 | sales@boa.co.nz