

Multi Layer Steel (MLS) Head Gaskets

The **Permaseal MLS-R** range of head gaskets has been developed to meet rigorous performance requirements. Engineered, designed and manufactured in Japan to exacting tolerances Permaseal MLS-R head gaskets offer the performance engine builder the highest levels of uncompromising quality.

Permaseal MLS-R head gaskets incorporate state of the art **multi layer design** featuring a **stopper layer** for superior combustion sealing. Also, the extensive use of stainless steel materials allows each individual layer to be thinner delivering increased rigidity and durability, uniform heat distribution and improved thermal transfer. All this aids in a balanced, even distribution of clamping loads across the entire sealing surface minimising cylinder bore distortion.

Manufactured using **solid die tooling** Permaseal MLS-R head gaskets provide superior precision and dimensional consistency when compared to laser cut gaskets. The clean finish also prevents combustion hot-spots that can lead to an abnormal combustion process; detonation & pre-ignition.

Here's a couple of things to ask for when sourcing performance head gaskets...

Insist on die-cut gaskets. Laser cutting can leave an uneven leading edge around the cylinder bores; this can lead to hot-spots

Demand a STOPPER LAYER; a precision fold around the cylinder bore creating a load point for superior combustion sealing

