



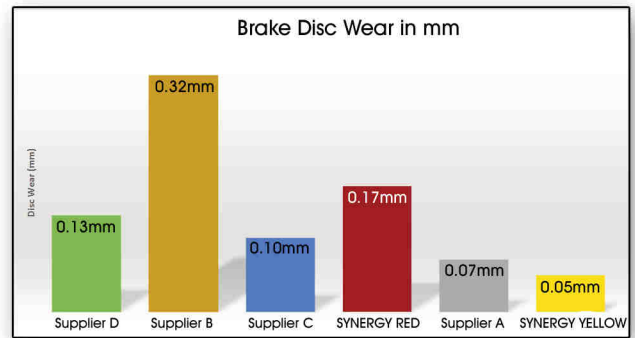
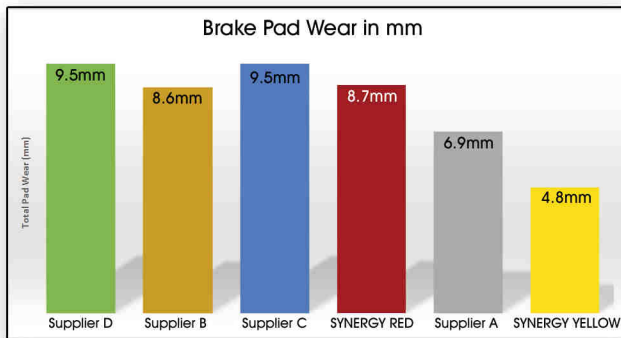
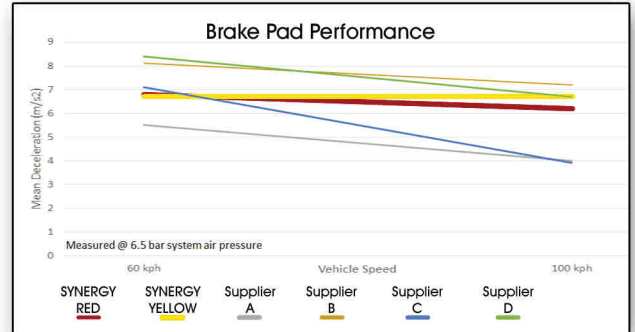
BRAKING REDEFINED



SYNERGY noun (pl) -gies the combined power of components when working together to create a whole that is greater than the sum of its parts

Brake friction components are critical to safety. With heavy demands on performance, these components need to be robust and to work efficiently and effectively in all environments.

All Synergy braking is tested by the VCA, the UK's designated type approval authority with more than 30 years experience in testing and providing certification for vehicle systems and components. While safety is of paramount importance, extended wear rates and economy are also important. Synergy braking has been developed to provide the optimum balance of performance and durability of both pad and disc.



Mechanical Retention System

Synergy brakes use a wire mesh spot welded to the backplate which works in conjunction with the adhesive layer to provide a secure mechanical key between the friction material and backplate even under the most arduous of operating conditions.

Backplate

Synergy brakes are marked with the UN ECE R90 (UK) approval number, production batch code for traceability and part number reference.

Friction Material

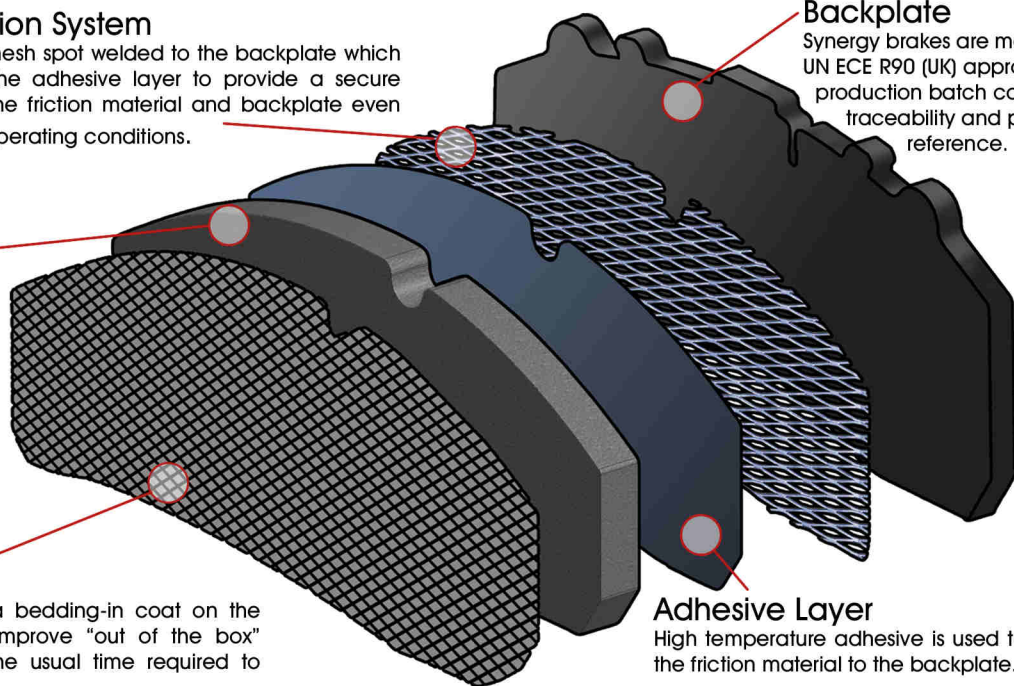
Synergy is tested and approved by the VCA and is manufactured in state of the art production facilities accredited to ISO9001 and TS16949.

Bed-In Coating

Synergy brake pads have a bedding-in coat on the friction surface. This helps improve "out of the box" performance and reduce the usual time required to bed-in new pads.

Adhesive Layer

High temperature adhesive is used to bond the friction material to the backplate.



Additionally, this coating helps remove any surface debris which may be left over from previous friction materials.

SYNERGY BRAKING TECHNOLOGY

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