



Don 7203

Material Specification

Main Vehicle Application



DAF
Leyland/DAF

Brake Type



S-Cam Drum Brakes

OE Status



Don 7203 material formulation is supplied as OE on many DAF S-cam applications.

General Description

Don 7203 has been developed to be complimentary on S-Cam brakes on a wide range of trucks and touring buses, particularly DAF and Leyland.

Don 7203 has built a good reputation for its performance and exhibits superb friction stability and wear characteristics at elevated temperatures. The material offers minimal thermal damage to brake drums and gives excellent value for money and reduced servicing costs.

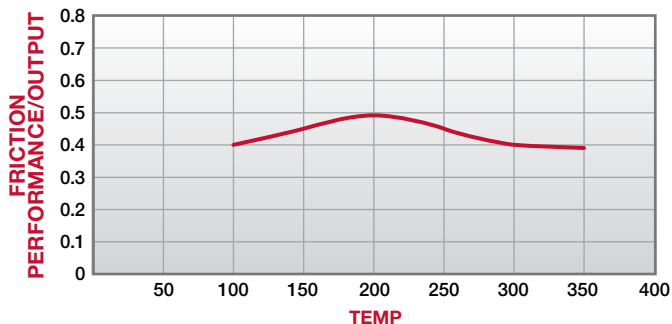
Don 7203 is a truck material that delivers consistent and reliable stable brake performance across a range of speeds, pressures and temperatures. 7203, developed initially for S-Cam brakes on Leyland/DAF applications, also benefits from exceptional anti-fade and wear resistant properties.

Features and benefits

Don 7203 is a fully moulded asbestos-free brake lining material of medium friction. This material has good brake qualities - low thermal damage, high resistance to fade and wear.



Friction Performance/Output



The graph displays the potential change in braking efficiency due to temperature increase. The results are based on the industry recognised SAE J661 test, which provides a measurable frictional output with no mechanical influence.

CV drum brakes differ in construction (i.e S-Cam, duo-servo etc) and output from these varies due to actuation and geometrical design. Changing output with temperature is a design feature of a quality brake material and provides the driver with "feel" which will require modification to line pressure (as output reduces increased brake pedal force is required). This predetermined progressive reduction in frictional performance/output means the driver can safely anticipate stopping requirements.

Technical Characteristics (Average Values)		Recommended Peak Working Temperatures		Sizes
Ultimate Tensile Strength	14MN/m ²	Continuous	250°C	DON 7203 is available in block and full length lining form. - up to 254mm (10 inch) wide - up to 19mm (3/4 inch) thick
Ultimate Shear Strength	24MN/m ²	Intermittent	350°C	
Rockwell Hardness	HRL 71			
Density	2.0 Units			



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