



Don 7113

Material Specification

Main Vehicle Applications



Bova
Dennis S.V.
Kassbohrer

Leyland/DAF
MAN
Mercedes

Renault
Scania
Volvo

Brake Type



S-Cam
Drum Brakes



Z-Cam
Drum Brakes

OE Status



This OE quality friction material has a low wear rate and is particularly kind to brake drum surfaces.

General Description

Don 7113 one of the world's most successful friction materials has been developed to provide safe braking characteristics required by bus manufacturers throughout Europe and around the world.

Over recent years bus manufacturers, along with Don have invested heavily in the improved design and handling properties of their vehicles. Improved braking performance and system operation is a major part of their achievements.

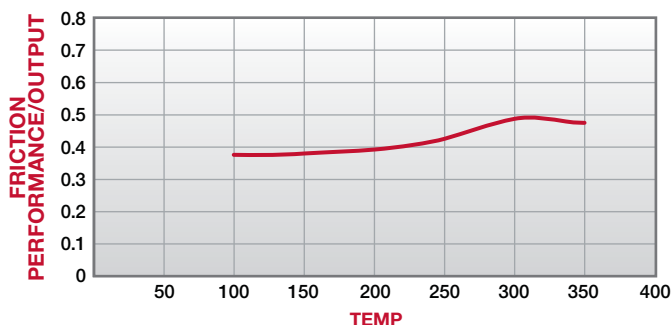
Don 7113 has achieved new levels of drum compatibility, long service life, low noise, resistance to fade and drum damage with good overall performance and low cost of ownership.

Features and benefits

Don 7113 is a fully moulded asbestos free lining of low-medium friction levels developed particularly for city bus applications.



Friction Performance/Output



The graph displays the performance characteristics in braking efficiency across a range of temperatures. 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 vary due to actuation and geometrical design. Changing output with temperature is a design feature of a quality friction material and provides the driver with responsive braking in relation to line pressure (as output reduces increased pedal force is required). Typical PSV brakes experience higher working temperatures and 7113 is designed to offer consistent and predictable output at those temperatures.

Technical Characteristics (Average Values)		Recommended Peak Working Temperatures	Sizes
Ultimate Tensile Strength	17MN/m ²	Continuous	250°C
Ultimate Shear Strength	29MN/m ²	Intermittent	350°C
Rockwell Hardness	HRL 88		
Density	1.99 Units		
		DON 7113 is available in block and full length lining form.	
		- up to 254mm (10 inch) wide	
		- up to 19mm (3/4 inch) thick	



TMD Friction UK | P.O Box 18 | Hunsworth Lane
Cleckheaton | West Yorkshire | BD19 3UJ.
Tel: +44 (0)1274 854 000 Fax: +44 (0)1204 854 057

www.donbrakes.com
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