



# Don 7141

## Material Specification

### Main Vehicle Applications



**Bova**  
**Dennis SV**  
**Fiat**  
**Ford**

**Iveco**  
**Kassbohrer**  
**Leyland**

**MAN**  
**Leyland**  
**Volvo**

### Brake Type



**Wedge**  
**Drum Brakes**



**Duo-Servo**  
**Drum Brakes**

### OE Status



Rockwell drum brakes.

### General Description

**Don 7141** has surpassed all expectations of the TMD research team and has subsequently impressed many Transport Engineers and vehicle manufacturers. Don 7141 has significantly improved many friction material characteristics essential for safe braking performance. Don 7141 is less speed sensitive and highly stable throughout the temperature range, its resistance to fade is exceptional with little thermal damage to brake drums.

**Don 7141** is acclaimed for its extremely long life even doubling the life of some vehicle applications.

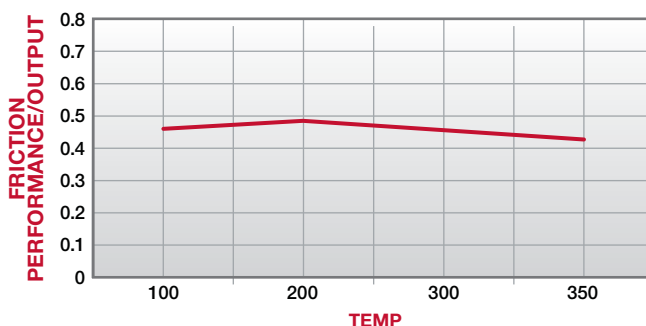
**Don 7141** gives extremely low cost of ownership and beneficial operational advantages.

### Features and benefits

**Don 7141** is a fully moulded Asbestos-free friction material designed and developed for use on high factor brakes for commercial vehicles.



### 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	13.6MN/m <sup>2</sup>	Continuous	250°C	DON 7141 is available in block and full length lining form.
Ultimate Shear Strength	21MN/m <sup>2</sup>	Intermittent	350°C	- up to 254mm (10 inch) wide
Rockwell Hardness	HRL 61			- up to 19mm (3/4 inch) thick
Density	1.95 Units			



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