Don 7222

Material Specification

Main Vehicle Application

BPW
Hendrickson (York)
LOHR
ROR
SAF

Brake Type

S **S-Cam Drum Brakes**

OE Status

Don 7222 is designed for use across a wide range of trailer axle applications.

General Description

Don 7222 is a fully moulded Asbestos free lining with a medium friction level. It is particularly resistant to fade and has an extremely good reputation for its very low thermal drum damage characteristics at normal operating temperatures.

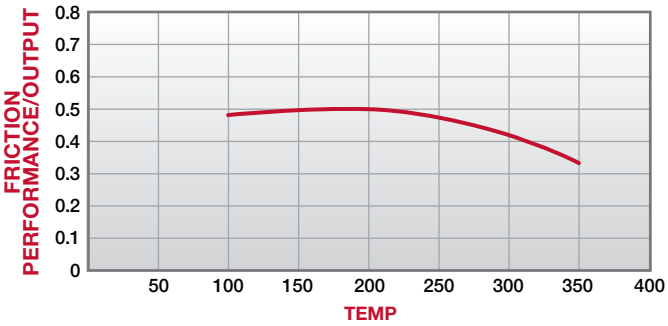
Don 7222 is a medium level, highly stable friction material whose performance criteria is particularly suitable for commercial vehicle trailer applications.

Features and benefits

Don 7222 has the capability to perform with minimal brake drum damage and wear. Its performance characteristics give exceptionally low costs of ownership which makes it a favourite with transport engineers and fleet operators.

Don 7222 is a very kind material to brakes with low wear rates on both friction and drum surfaces for all types of trailer applications.

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.

Design Data (Average Values)

Ultimate Tensile Strength	2.5MN/m2
Ultimate Shear Strength	17MN/m2
Rockwell Hardness	HRL 74
Density	1.9 Units

Recommended Peak Working Temperatures

Continuous	250ºC
Intermittent	350ºC

Sizes

DON 7222 is available in block and full length lining form.
- up to 254mm (10 inch) wide
- up to 19mm (3/4 inch) thick

TMD FRICTION

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