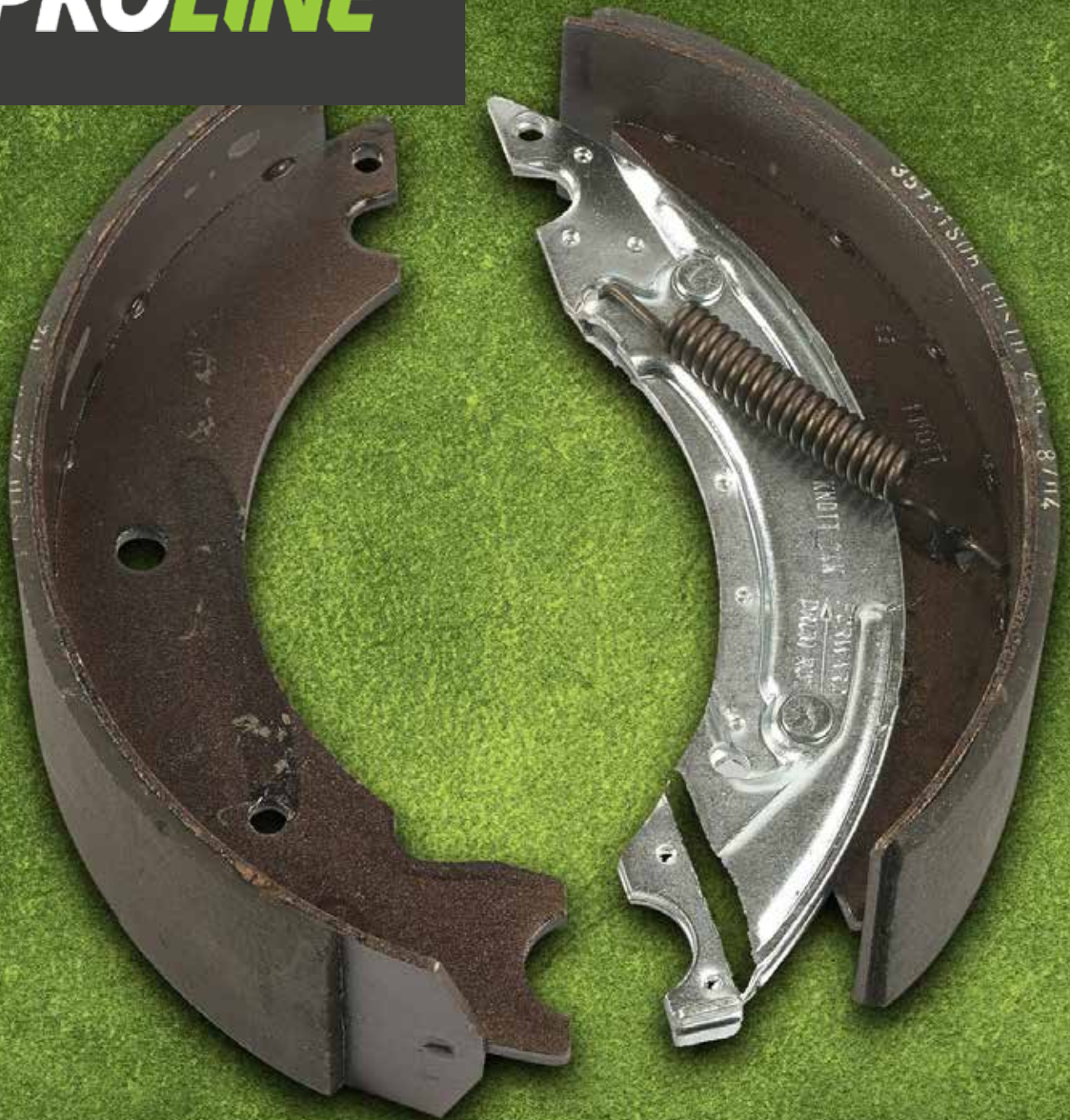


PROLINE



BRAKE SHOE KITS

KEY FEATURES

- Asbestos-free BERAL® 1127 lining.
- ECE R90 OEM approved replacement
- Available in several varieties to fit your particular requirements
- Great Proline quality and an even better price!

Our Proline Brake Shoe Kits are available in several varieties. These include Alko, Knott and BPW types. Our brake shoes are all ECE R90 OEM replacements and feature quality BERAL® 1127 asbestos-free linings.

BERAL® BRAKE LINING MATERIALS

MATERIAL	COMPOSITION	APPLICATIONS
BERAL® 1126	Asbestos free, flexible friction material, elastomer bonded and metal fibre reinforced.	Drum brake linings for motorcycles and car trailers, friction linings for CVT clutches and industrial applications.
BERAL® 1127	Asbestos free, flexible friction material, elastomer bonded and metal fibre reinforced.	Service brakes and handbrakes for passenger cars and commercial vehicles.

BERAL® BRAKE LINING MATERIAL SPECIFICATIONS

MATERIAL	DENSITY (G/CM ³)	AVERAGE FACTOR OF FRICTION μ <250°	SURFACE PRESSURE	RUBBING SPEED V (M/S)	TEMPERATURE (SHORT TIME) °C	TEMPERATURE (CONTINUOUS) °C	OIL RESISTANCE
BERAL® 1126	2.30	0.45	10-150	<30	<400	<250	Poor
BERAL® 1127	2.10	0.45	10-150	<30	<400	<250	Poor

SHEAR TEST

The minimum acceptable shear strength for shoe assemblies is 100 N/cm² (Point 5.3.1.1. - ECE R90).

Towmate® Brake Shoes have been shear tested to 194.2 N/ cm².

The brakes were subjected to 6 consecutive tests where decelerations were measured along with increasing force applied to the brake pedal until it reached 6 m/s². Each subsequent actuation was started with an initial speed of 60 km/h and the brake temperature <100°C.

The results obtained are shown in the graph below. Towmate® brake shoes meet the requirements of UN ECE Regulation No.90.

