



RAILKO PV103, RAILKO Xtra Glide

Slip Coats

Railko PV103 and Railko Xtra Glide slip coats are used and specified by major car manufacturers world wide for automotive weather seal applications.

Product Description

RAILKO PV103 and Xtra Glide slip coats create a low friction surface that is long lasting and wear resistant. Compared to older systems using floc, weather seals with Railko co-extruded slip coats result in lower total cost, less operations, and simpler processing. The PV103 provides excellent abrasion resistance and low friction, whereas the Xtra Glide is flexible to suit modern lightweight weather seals without metal support and does not scuff or mark on installation. The new generation slip coats have low flexural modulus to suit the demands of dynamic seals such as bulb seals and flexible flip seals which can be colour matched to meet vehicle specifications.

Product Advantages

- Low Coefficient of friction
 - Low stick slip
 - Abrasion resistant
 - Stable to light and weather
 - Resistant to cleaning fluids
 - Easy and smooth glass movement
 - Long wear life
 - No bleed out
 - No marking on glass
 - No colour fade
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Approved Applications

Specified by major car manufacturers world wide for automotive weather seal applications.

Packaging

- Packaged in Polythene bags
 - Supplied in 22.7 kg (50 lbs) bags
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Storage

- Store in a dry location
 - Store away from oxidising materials, heat and direct sunlight
 - Do not store in open or unlabelled containers
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Physical Properties

Property	Units	Grade		
		PV103P	PV103UT	Xtra Glide
Density	g/cm ³	0.94	0.95	0.96
Melt Flow Rate (5kg)	g/10 mins	2.1	2.0	1.6
Flexural Modulus	MPa	660	660	280
Tensile Strength	MPa			
20 °C		23	23	14
20 °C after 72 hrs @ 100 °C		24	24	15
Elongation at Rupture	%			
20 °C		15	16	42
20 °C after 72 hrs @ 100 °C		26	16	49
Shore D Hardness		64	64	53
Coefficient of Friction (Unlubricated)		0.15-0.25	0.15-0.25	0.15-0.25
Extrusion Temperature	°C	210-230	210-230	180-210



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Tenmat Wear warrants the materials it produces will conform to Tenmat Wear specifications and approved drawings where applicable. It is entirely the customer's responsibility to make the final product choice and satisfy themselves of the suitability of the product for the intended application, carrying out testing where required. For construction projects, all products which the customer is intending to use on a particular project must be approved in writing by the customer's building designer, system designer or design control professional, to ensure compliance with the latest regulations.

The information contained in Tenmat Wear data sheets is presented in good faith. The values are "typical only" and are based on test results generally in accordance with BS2782, ASTM, a variety of other main test bodies along with Tenmat Wear internal test methods. These values should not be relied upon for specification purposes or the primary selection of materials. As the data sheet values are typical only, Tenmat Wear does not warrant the conformity of its materials to these properties or the suitability of its materials for any particular purpose. It is the responsibility of the customer to do the necessary testing and satisfy themselves the product is suitable for the intended application.

