Technical datasheet

NES290 Black 22.0mm

Article code: ACCO000043

General information

Productgroup	Engineered belts, cover
Industry segment	Paper & print; Building materials; Container & packaging
Main product feature	High friction, Shock absorbing, Soft-grip

Cover type

Material	NE
Top finish	ground
Color	black
Brand name	POROL

Characteristics

Food Grade (FG)	no
Antistatic (AS)	no
Wear resistance	low

Technical data

Hardness			64Sh00	Shore		
Density			290	kg/m³	18.1	lbs/ft³
Coefficient of friction	product side against steel	dynamic	n.a.			
		static	1,3			
Operating temperature	continuous	from / to	-15 / 85	°C	5 / 185	°F
Elongation at break			200	%		
Compression set			15	%		
Thickness			22	mm	0.87	in.
Maximum available width			1100	mm	43.31	in.
Maximum available length			1750	mm	68.9	in.
Pulley factor *			20			

Fabrication

A belt cover material is applied to the substrate either by gluing, welding or vulcanizing. Depending of the method of applying the belt could be suitable for one running direction only. If this is the case, it will be indicated on the belt.

Contact Ammeraal Beltech to inquire what the fabrication options are for this specific cover type: gluing, welding, vulcanizing, grinding, perforations, milling and slotting.

Additional Information

This sheet contains typical values, which apply to a temperature of approx. 20 °C (68 °F), unless otherwise stated, individual data may differ.

* With the pulley factor of a specific cover material one can calculate the advised minimum pulley diameter.
Advised minimum pulley diameter = pulley factor × thickness (mm).
For example of the pulley factor of a specific cover material = 20,
the thickness of that cover = 4 mm: In this case the advised minimum pulley diameter = 20 × 4 = 80 mm.

Because of continuous development, the presented data is subject to alteration. This data replaces that included in previous publications. Ammeraal Beltech excludes any liability for the incorrect use of the above stated information. Subject to the general terms and conditions of sale and delivery, as applied by its operating companies, are all activities performed and services rendered by Ammeraal Beltech.