

# Processing Belts NW/AGC 2000



## Main industry segments

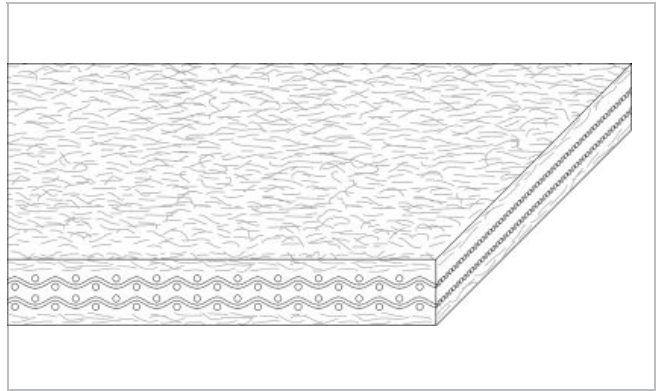
Cement

## Applications

Air gravity/air slide membrane

## Special features

Air permeability



Product Construction / Design	
Conveying side material	Polyester (PET) fleece
Conveying side surface	Nonwoven (fleece) structure
Conveying side property	Non-adhesive
Conveying side color	White
Traction layer (material)	Polyester (PET) scrim
Number of Fabrics	1
Pulley side material	Polyester (PET) fleece
Pulley side surface	Nonwoven (fleece) structure
Pulley side property	Non-adhesive
Pulley side color	White

Product characteristics	
Antistatically equipped	No
Flammability	No specific flammability prevention property
Food suitability, FDA conformance	No
Food suitability, USDA recommendations	No use intended
Food suitability, EU conformance	No

Technical data			
Thickness of belt	5.5 mm	0.22	inch
Mass of belt (belt weight)	3.8 kg/m <sup>2</sup>	0.780	lb/sqft
Tensile force for 1% elongation after relaxation (k1 % relaxed) per unit of width (Habasit Standard SOP3-155 / EN ISO 21181)	75 N/mm	43	lbf/in
Min. operating temperature admissible (continuous)	-51 °C	-60	°F
Max. operating temperature admissible (continuous)	154 °C	310	°F
Coefficient of friction (pulley side / steel driving pulley)	0.20	-	
Coefficient of friction (pulley side / driving pulley with friction cover)	0.35	-	
Coefficient of friction (pulley side / pickled steel slider bed)	0.25	-	
Coefficient of friction (pulley side / phenolic resin slider bed)	0.30	-	
Coefficient of friction (pulley side / stainless steel slider bed)	0.25	-	
Seamless manufacturing width	1829 mm	72.00	inch

## Joining related properties

Joining method	
Overlap	Master joining method for standard applications

[Link to JDS:](#)

Joining method	Overlap
Slider bed suitable	No
Carrying rollers suitable	No
Troughed installation suitable	No
Powerturns / curved installations	No
Knife-edge (nosebar) suitable	No
Metal detector suitable	No

All data are approximate values under standard climatic conditions: 23°C/73°F, 50% relative humidity (DIN 50005/ISO 554).

Limited representative testing based on a standard configuration is carried out to estimate minimum pulley diameters. Please contact Habasit for specific guidance regarding non-standard applications, including, but not exclusively, when profiles or cleats are used, or if the belt working temperature is close to the limits listed in this document.

# Processing Belts NW/AGC 2000



## Chemical resistance

Link to 'Chemical resistance information': <https://rims.habasit.com>

## Mode of use or conveyance

Declined

## Recommendation

Observe the indications of the machine handbook from the machine manufacturers

Protect belts from sunlight/UV-radiation/dust and dirt. Store spare belts in a cool and dry place and if possible in their original packaging. Check Link for Storage requirements:

["https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf"](https://tdm.habasit.com/pds/en-us/Storage%20of%20Habasit%20material.pdf)

Group	Nonwoven Belts
Sub-Group	-
Item number	H250000049

## Disclaimer

### Product Application Disclaimer (valid for ALL Habasit products and mentioned on all PDS)

This disclaimer is made by and on behalf of Habasit and its affiliated companies, directors, employees, agents and contractors (hereinafter collectively "HABASIT") with respect to the products referred to herein (the "Products"). SAFETY WARNINGS SHOULD BE READ CAREFULLY AND ANY RECOMMENDED SAFETY PRECAUTIONS BE FOLLOWED STRICTLY! Please refer to the Safety Warnings herein, in the Habasit catalogue as well as installation and operating manuals. All indications / information as to the application, use and performance of the Products are recommendations provided with due diligence and care, but no representations or warranties of any kind are made as to their completeness, accuracy or suitability for a particular purpose. The data provided herein are based on laboratory application with small-scale test equipment, running at standard conditions, and do not necessarily match product performance in industrial use. New knowledge and experience may lead to re-assessments and modifications within a short period of time and without prior notice. EXCEPT AS EXPLICITLY WARRANTED BY HABASIT, WHICH WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, THE PRODUCTS ARE PROVIDED "AS IS". HABASIT DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE, ALL OF WHICH ARE HEREBY EXCLUDED TO THE EXTENT ALLOWED BY APPLICABLE LAW. BECAUSE CONDITIONS OF USE IN INDUSTRIAL APPLICATION ARE OUTSIDE OF HABASIT'S CONTROL, HABASIT DOES NOT ASSUME ANY LIABILITY CONCERNING THE SUITABILITY AND PROCESS ABILITY OF THE PRODUCTS, INCLUDING INDICATIONS ON PROCESS RESULTS AND OUTPUT.