

Habasit America

Core Products

Plastic

Fabric

Monolithic



Habasit America Core Products

The products in this brochure are the core of Habasit America’s belting portfolio. We strive to keep these core products in stock and readily available for our customers.

Here are Habasit’s key solutions for the food industry – fabric, plastic, and monolithic belts designed and fabricated for safety, reliability, and durability. With wear- and abrasion-resistant coatings and chemical resistance to common cleaning agents and food ingredients, Habasit belts deliver outstanding performance, superior service life, and full compliance with FDA and EU regulations.

Habasit provides an extensive food conveyor and processing belt range featuring high-quality coating materials suitable for all modern food production steps. These belts offer excellent features for all types of food processing: outstanding release properties even for very sticky foodstuffs, plus quick and easy cleanability.

Our food conveyor and processing belts are used in many different applications within the food industry. You can find application-specific details at www.habasitamerica.com.

Contents

Core Fabric Belts 4

- Habasit fabric belts offer excellent, low-friction release properties. Styles include bare fabric, impregnated, and solid woven belts.
- General food belts
 - Fabric cover series
 - Silicone series
 - Habasit® Cleanline
 - Premium TPU
 - HabaGUARD
 - Frayless (low fray)
 - SWP

Core Plastic Belts 6

- The HabasitLINK® plastic modular belts include more than 150 styles in various materials and colors. They offer outstanding drive and tracking, resistance to extreme conditions, quick repair and maintenance, high strength, longer life, and many surface options.
- HabasitLINK® 0.3” pitch belting page 8
 - HabasitLINK® 0.5” pitch belting pages 9–11
 - HabasitLINK® 1” pitch belting pages 11–14
 - HabasitLINK® 1.1” pitch belting page 15
 - HabasitLINK® 1.5” pitch belting page 15
 - HabasitLINK® 1.75” pitch belting page 16
 - HabasitLINK® 2” pitch belting pages 16–20
 - HabasitLINK® 2.5” pitch belting page 20

Core Monolithic Belts 21

- Hygienic, extruded Habasit® Cleandrive monolithic belts are designed for wet applications in the food industry and satisfy the most demanding requirements while delivering exceptional performance, reliability, and cost-efficiency. Impenetrable by water, oil, and grease, they offer many surface structures and meet most regulatory requirements.
- Positive Drive
 - Friction Drive
 - Lug Drive

Habasit TPU-coated fabric belts feature high abrasion resistance, easy cleaning, and very good release properties over their entire life. They meet demanding standards for food safety and operational efficiency. Hot or cold, they stay flexible, impermeable to water and oils, and resist fraying and layer separation even after repeated cleaning.

Product Group and Belt Type										
	PLY / Fabrics	Tension member, material	Cover friction	Conveying side, material	Conveying side, surface	Conveying side, color	Back side, material	Back side, surface	Back side, color	Joining
General Food Belts										
ENT-4EQWR	2	PET	N	PET/CO	fabric	white	PET	impreg.	green	F
FAB-2E	1	PET	A	TPU	smooth	white	PET	impreg.	light grey	F,L
FAQ-5E	2	PET	A	TPU	quadrangular	white	PET	impreg.	light gray	F
FAW-7EIC	2	PET	A	TPU	waffle	cobalt blue	TPU	impreg.	light blue	F,L
FMB-2EQWT-W2	1	PET	M	TPU	matt	white	PET	impreg.	white	F
FMB-3EMWT-W2	1	PET	M	TPU	matt	white	PET	impreg.	white	F
FMB-3EQWT-W2	1	PET	M	TPU	matt	white	PET	impreg.	white	F
FMB-5EMCT-W2	2	PET	M	TPU	matt	cobalt blue	PET	impreg.	white	F
FMB-5EMWT-W2	2	PET	M	TPU	matt	white	PET	impreg.	white	F
FMB-5EQ	2	PET	M	TPU	smooth	white	TPU	impreg.	white	F,L,T
FMB-6EMWT-W2	2	PET	M	TPU	matt	white	PET	impreg.	white	F
FMB-6EQWT-W2	2	PET	M	TPU	matt	white	PET	impreg.	white	F
FNI-5EI 20	2	PET	N	PET	impregnated	white	PET	impreg.	white	F
FNI-6EIC	2	PET	N	TPU	impregnated	blue	TPU	impreg.	blue	F,L
T11/U MATT BLUE	1	PET	A	TPU	matt	blue	PET	impreg.	white	F
TT122 LIGHT BLUE	2	PET	M	TPU	glossy	light blue	TPU	glossy	light blue	F,L
TT191/AS	2	PET	N	TPU	smooth	transparent	TPU	impreg.	white	F,L
TT20/RP	2	PET	N	TPU	basketweave	white	TPU	impreg.	white	F,L
TT23/GP BLUE	2	PET	A	TPU	basketweave	cobalt blue	PET	fabric	white	F
Fabric Cover Series										
FNR-5RFWR	2	PET/CO	N	PET/CO	fabric	white	PET/CO	fabric	white	F,L
FNT-5P	2	PA	N	PA	fabric	light grey	PA	fabric	light grey	L,T
Silicone Series										
FAB-5ER 10	2	PET	S	silicone	smooth	white	TPU	impreg.	white	F,L
Habasit® Cleanline										
CNB-6EB-A1	2	PET	N	Habilene®	smooth	white	TPU	impreg.	white	F,L
CNB-6EBC-A1	2	PET	N	Habilene®	smooth	blue	TPU	impreg.	white	F,L
CNB-7EZWO-A1	2	PET	N	TPO	silk finish	white	PET	imoreg.	white	F
Premium TPU										
FAB-5EZCH-P1	2	PET	A	TPU	glossy	cobalt blue	TPU	impreg.	white	F,L
FAB-5EZWH-P1	2	PET	A	TPU	glossy	white	TPU	impreg.	white	F,L
FMW-6EZCH-P1	2	PET	M	TPU	waffle	cobalt blue	PET	impreg.	white	F
FNB-5EZCH-P1	2	PET	M	TPU	matt	cobalt blue	TPU	impreg.	white	F,L
FNB-5EZWH-P1	2	PET	M	TPU	matt	white	TPU	impreg.	white	F,L
FNI-5EIWH-P1	2	PET	N	PET	impregnated	white	PET	impreg.	white	F,L
FNT-5MRWH-P1	2	PA/CO	N	PA/CO	fabric	white	PA/CO	fabric	white	F,L
HabaGUARD										
FAB-5E+H15	2	PET	A	TPU	smooth	white	TPU	impreg.	light blue	F,L
FNB-12EVCQ+H15	2	PET	N	TPU	smooth	cobalt blue	TPU	quad.	cobalt blue	F,L
Frayless (low fray)										
TT12	2	PET	M	TPU	glossy	white	TPU	impreg.	white	F,L
TT12 MATT BL	2	PET	N	TPU	matt	cobalt blue	TPU	impreg.	white	F,L
SWP										
SWP/2HS	2	PET	N	PET	fabric	white	PET	fabric	white	L,S

						Belt Type
Thickness [in.]	Pulley diameter, minimum [in.]	Nosebar Radius, minimum [in.]	Tensile force for 1% elongation per unit of width k1% [lbs./in.]	Minimum Temperature [°F] Continuous	Maximum Temperature [°F] Continuous	
0.05	0.79	0.157	34	-4	194	ENT-4EQWR
0.03	0.6	0.16	18	-22	176	FAB-2E
0.06	0.59	0.157	37	-22	176	FAQ-5E
0.06	0.8	0.16	49	-22	194	FAW-7EIC
0.03	0.59	0.079	29	-22	194	FMB-2EQWT-W2
0.04	0.59	0.118	20	-22	194	FMB-3EMWT-W2
0.04	0.59	0.118	14	-22	194	FMB-3EQWT-W2
0.05	0.59	0.079	46	-22	212	FMB-5EMCT-W2
0.05	0.59	0.079	46	-22	212	FMB-5EMWT-W2
0.06	0.6	0.16	31	-22	176	FMB-5EQ
0.06	0.79	0.157	40	-22	194	FMB-6EMWT-W2
0.06	0.79	0.157	40	-22	194	FMB-6EQWT-W2
0.07	0.59	0.157	29	-22	212	FNI-5EI 20
0.04	0.8	0.16	43	-22	176	FNI-6EIC
0.03	0.6	0.16	34	-4	176	T11/U MATT BLUE
0.06	0.8	-	40	-4	212	TT122 LIGHT BLUE
0.07	1.6	-	23	-4	212	TT191/AS
0.09	1.6	0.39	23	-4	212	TT20/RP
0.09	0.79	0.276	31	-40	176	TT23/GP BLUE
0.10	1.0	-	34	14	194	FNR-5RFWR
0.04	0.8	-	19	-4	212	FNT-5P
0.04	0.6	0.16	37	-22	176	FAB-5ER 10
0.04	0.6	0.08	23	-40	176	CNB-6EB-A1
0.04	0.6	0.08	24	-40	176	CNB-6EBC
0.06	0.59	0.157	37	-40	176	CNB-7EZWO-A1
0.05	0.6	0.16	40	-22	230	FAB-5EZCH-P1
0.05	0.6	0.16	43	-22	230	FAB-5EZWH-P1
0.07	0.59	0.157	40	-22	230	FMW-6EZCH-P1
0.05	0.6	0.16	43	-40	230	FNB-5EZCH-P1
0.05	0.6	0.16	43	-40	230	FNB-5EZWH-P1
0.04	0.59	0.079	37	-40	230	FNI-5EIWH-P1
0.05	0.59	0.16	9	-22	230	FNT-5MRWH-P1
0.05	0.6	0.16	37	-22	176	FAB-5E+H15
0.07	0.8	-	57	-4	176	FNB-12EVCQ+H15
0.05	0.6	0.16	34	-4	212	TT12
0.05	0.6	0.16	51	-4	212	TT12 MATT BL
0.10	1.0	-	26	32	310	SWP/2 Ply Heat Set

Explanations
• = applicable
◊ = conditionally applicable
- = not applicable

PET/CO = polyester/cotton
PET = polyester
TPU = polyurethane, thermoplastic

Joining
B = Butt Joint
F = Flexproof
L = Laced
T = Thermofix
Q = Quickmelt

All data are approximate values under standard climatic conditions: 23°C/73°F and 50% relative humidity.

Cover Friction
A = Adhesive
M = Medium Adhesive
N = Non-Adhesive

The EPA-approved antimicrobial in HabaGUARD prevents the growth of microorganisms that could cause spoilage or fouling on the belt surface. This product does not protect users or others against foodborne or disease-causing bacteria. Adhering to proper cleaning procedures is always essential.

Belt selection criteria

Belt selection criteria

Why are there so many different belts available?
Here are a few things to think about when selecting
a belt style. Always try to match the belt style to your
application.

Belt path

When you need to move product in a straight line, use a straight running belt. To move your product through turns, use a turning belt. Straight running belts generally can handle higher loads than turning belts.

Our turning belts are called “radius” belts. Other manufacturers might refer to them as side flexing belts. In either case, our radius belts operate in both straight and radius applications, conform to the shape of your process, or minimize transfers. Product remains properly oriented on the belt. Our belts also decrease the number of drives needed for certain applications.

Belt surface

The top surface of the belt is in contact with your product and might have an effect on it. If your product is soft, the belt surface could be imprinted on the bottom during freezing, cooking or cooling stages. If you have sticky goods to convey, you may want to choose a belt surface with reduced contact area and/or a material that offers high release characteristics such as polyethylene or acetal.

Some belts have openings to allow air or fluid to flow in applications such as cooling, washing, sanitizing, sizing, sorting, removal of “fines”, etc. Curved top belt styles allow continuous contact of a scraper to maximize product removal and give tighter transfer of product to a deadplate of another conveyor. Some belts have a raised rib surface and are used with a finger transfer plate. The fingers fit between the ribs. As the belt moves, the finger transfer plate lifts the product from the belt.

Belt accessories

Many belts have accessories such as rollers for product accumulation or acceleration, ribs or flights to contain product on inclines/declines, side plates to

keep material from falling off high friction inserts to keep product from slipping, and hold-down tabs to keep the belt from rising up in turns.

Cleanability

Food application belts need to be easy to clean and comply with regulatory requirements. You will need to determine if the belt you choose meets the cleaning requirements for your application.

Belt pitch

Belts come in various pitches. The pitch is the distance from pin to pin. Smaller pitch belts generally run smoother, faster and allow tighter transfers. Larger pitch belts will usually take larger loads, more impacts, and longer runs.

Belt color

Most belts are available in the industry accepted standard colors. Additional colors are available but may incur additional charges and longer lead-time.

Belt material

Environmental factors may affect belt performance.

- High or low temperatures may reduce belt strength and affect impact strength
- Ovens may melt or dry out certain materials
- Heavy impacts will destroy certain materials
- Immersion in water can cause materials to swell
- Cleaning chemicals or solutions can harm belting
- Abrasive materials can wear out belting prematurely

Additives can make belt material detectable by metal detectors. Therefore, it is very important to pick the right material for the right application.

Rods / Pins

The rods or pins that connect our belts are made from plastic or stainless steel and are subject to the same environmental conditions.



Belts must not be exposed to direct heat or flames.

Habasit began developing safe, hygienic plastic conveyor and processing belts in 2000 and we are now an industry leader with innovative solutions to meet challenging food-processing needs. The belt types shown here are kept in stock for fast assembly and delivery. For detailed information, refer to the HabasitLINK® Plastic Modular Product Guide and HabasitLINK® Engineering Guide.

[illegible]

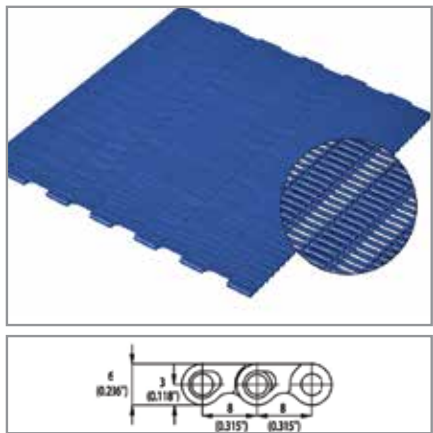
- Stocked

M0870 Micropitch Flat Top 0.3"

Belt data

Belt material		POM	
Rod material		PA	PBT
Nominal tensile strength F _N straight run	N/m lb/ft	2500 171	2500
Temperature range	°C °F	-40 – 93 -40 – 200	-40 - 93 -40 - 200
Belt weight m _g	kg/m² lb/sqft	5.3 1.09	5.5 1.23
Standard belt color		Blue/White	

The nominal tensile strength is valid for 23 °C (73 °F).

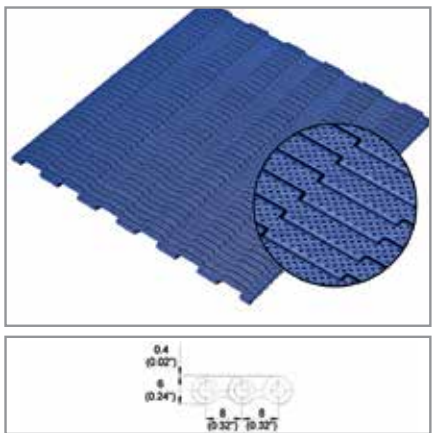


M0873 Micropitch Non Slip 0.3"

Belt data

Belt material		POM	
Rod material		PA	PBT
Nominal tensile strength F _N straight run	N/m lb/ft	2500 171	2500
Temperature range	°C °F	-40 – 93 -40 – 200	-40 - 93 -40 - 200
Belt weight m _g	kg/m² lb/sqft	5.3 1.09	5.5 1.23
Standard belt color		Blue	

The nominal tensile strength is valid for 23 °C (73 °F).

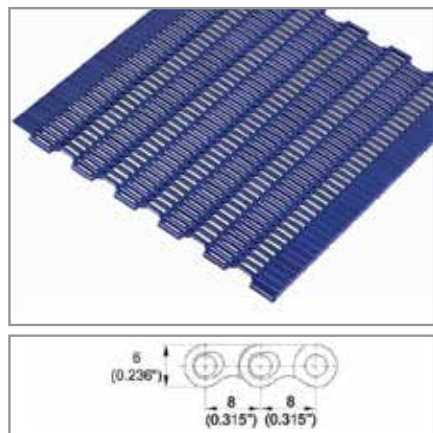


M0885 Micropitch Flush Grid 0.3"

Belt data

Belt material		POM	
Rod material		PA	PBT
Nominal tensile strength F _N straight run	N/m lb/ft	2400 164	2400
Temperature range	°C °F	-40 – 93 -40 – 200	-40 - 93 -40 - 200
Belt weight m _g	kg/m² lb/sqft	4.4 0.90	4.6 0.94
Standard belt color		Blue	

The nominal tensile strength is valid for 23 °C (73 °F).

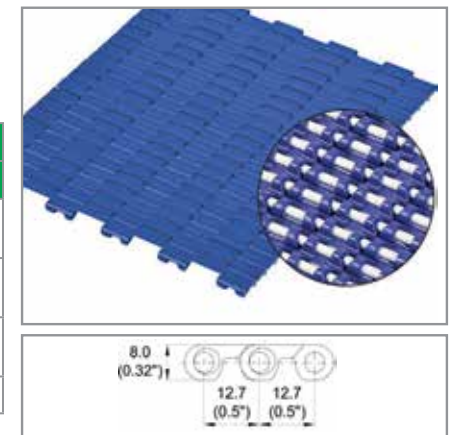


M1065 Flat Top 0.5" HyCLEAN

Belt data

Belt material		POM		
Rod material		PP	PBT	POM
Nominal tensile strength F _N straight run	N/m lb/ft		4700 322	4700 322
Temperature range	°C °F	+5 - 93 +41 - 200	-40 – 93 -40 – 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft		5.7 1.17	5.7 1.17
Standard belt color		Blue		

The nominal tensile strength is valid for 23 °C (73 °F).

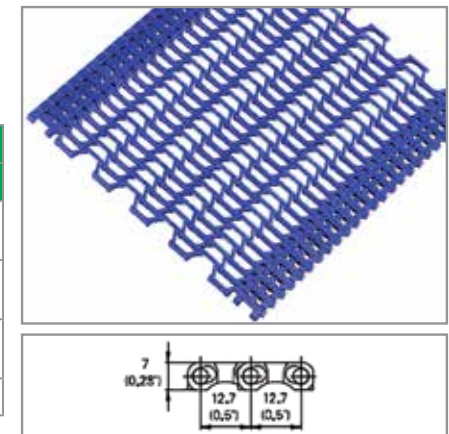


M1185 Flush Grid 0.5"

Belt data

Belt material		POM	
Rod material		PA	PBT
Nominal tensile strength F _N straight run	N/m lb/ft	4400 301	4250 291
Temperature range	°C °F	-40 – 93 -40 – 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft	3.6 0.75	3.6 0.75
Standard belt color		Blue/White	

The nominal tensile strength is valid for 23 °C (73 °F).

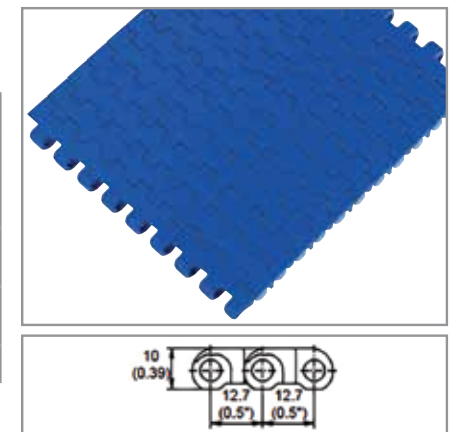


M1220 Flat Top 0.5"

Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE	PP	PA
Nominal tensile strength F _N straight run	N/m lb/ft	11000 754	6000 411	16000 1096	18000 1233
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	5 – 93 40 – 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft	5.8 1.20	6.2 1.27	8.7 1.78	8.7 1.78
Standard belt color		Blue			

The nominal tensile strength is valid for 23 °C (73 °F).

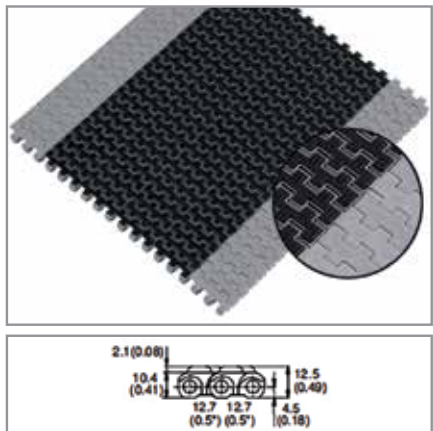


M1220 GripTop 0.5"

Belt data

Belt material		PP	
GripTop material		TPE	
Rod material		PA	POM
Nominal tensile strength F _N straight run	N/m lb/ft	9000 617	9000 617
Temperature range	°C °F	5 – 60 40 – 140	5 – 60 40 – 140
Belt weight m _g	kg/m² lb/sqft	6.5 1.33	6.5 1.33
Standard belt color		White	

The nominal tensile strength is valid for 23 °C (73 °F).

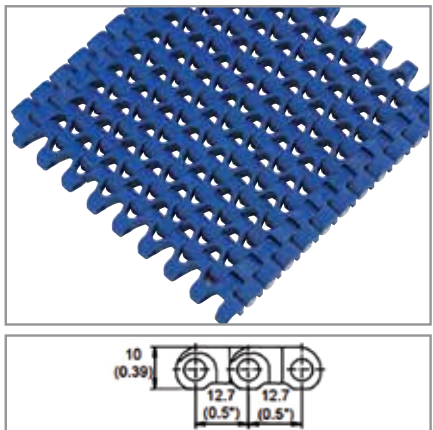


M1233 Flush Grid 0.5"

Belt data

Belt material		PE	POM		
Rod material		PE	PE	PP	PA
Nominal tensile strength F _N straight run	N/m lb/ft	7000 480	8000 548	16000 1096	18000 1233
Temperature range	°C °F	-70 – 65 -94 – 150	-40 – 65 -40 – 150	5 – 93 40 – 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft	5.4 1.11	7.2 1.48	7.2 1.48	7.2 1.48
Standard belt color		Blue			

The nominal tensile strength is valid for 23 °C (73 °F).



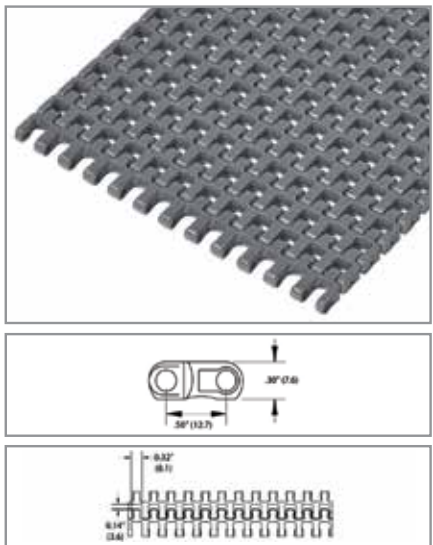
SM605 (Smooth Mesh) 0.5"

Belt data

Belt material		PP	PE	POM
Rod material		PP	PE	PP
Nominal tensile strength F _N straight run	N/m lb/ft	11675 800	7005 480	20431 1400
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	5 – 93 40 – 200
Belt weight m _g	kg/m² lb/sqft	4.2 0.86	4.4 0.91	6.1 1.25
Standard belt color		Gray/White	White	Blue/White

Additional abrasive resistant Nylon (Polyamide) rods available.

The nominal tensile strength is valid for 23 °C (73 °F).



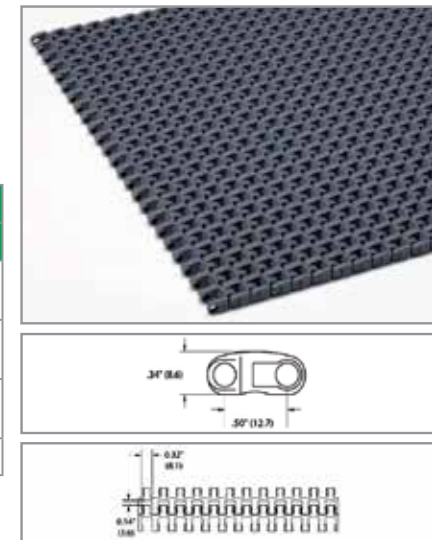
CM605 (Curved Mesh) 0.5"

Belt data

Belt material		PP	POM
Rod material		PP	
Nominal tensile strength F _N straight run	N/m lb/ft	11675 800	20431 1400
Temperature range	°C °F	5 – 105 40 – 220	5 – 93 40 – 200
Belt weight m _g	kg/m² lb/sqft	4.4 0.91	6.3 1.30
Standard belt color		Gray	Blue/White

Additional abrasive resistant Nylon (Polyamide) rods available.

The nominal tensile strength is valid for 23 °C (73 °F).

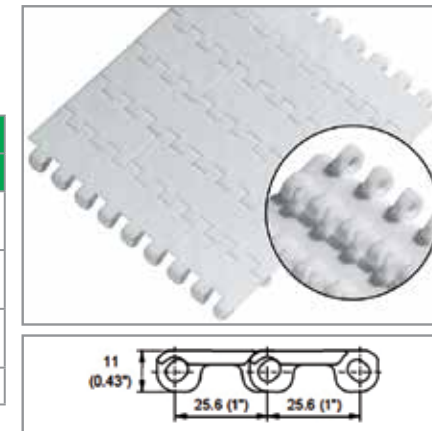


M2510 Flat Top 1"

Belt data

Belt material		PP	PE	POM	
Rod material		PP	PE	PP	PA
Nominal tensile strength F _N straight run	N/m lb/ft	14000 959	8000 548	16000 1096	21900 1500
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	5 – 93 40 – 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft	4.9 1.00	5.2 1.05	7.3 1.49	7.3 1.49
Standard belt color		White	Blue	Blue/White	

The nominal tensile strength is valid for 23 °C (73 °F).

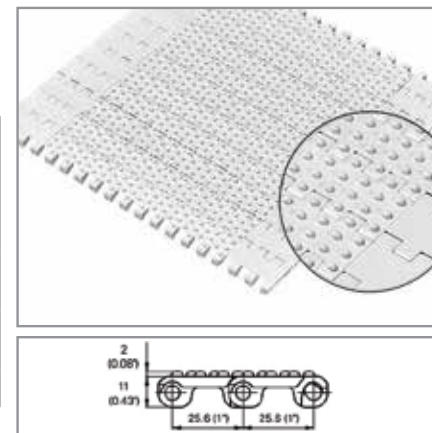


M2514 Nub Top 1"

Belt data

Belt material		POM	
Rod material		PE	PA
Nominal tensile strength F _N straight run	N/m lb/ft	7000 479	21900 1500
Temperature range	°C °F	-40 – 65 40 – 150	-40 – 93 -40 – 200
Belt weight m _g	kg/m² lb/sqft	7.7 1.57	7.7 1.57
Standard belt color		Blue	

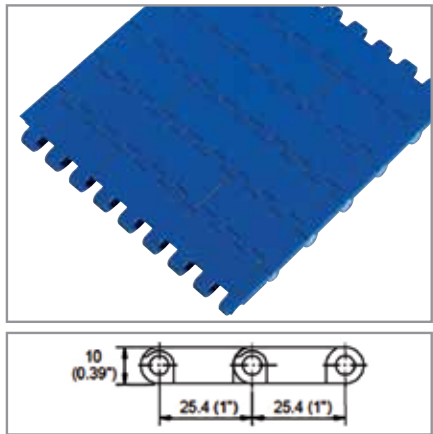
The nominal tensile strength is valid for 23 °C (73 °F).



M2520 Flat Top 1"

Belt data		PP		POM	
Belt material		PP		POM	
Rod material		PP	POM	PP	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	18000 <i>1233</i>	18000 <i>1233</i>	21500 <i>1473</i>	32000 <i>2192</i>
Temperature range	°C °F	5 – 105 40 – 220	5 – 93 40 – 200	5 – 93 40 – 200	-40 – 93 -40 – 200
Belt weight m_8	kg/m² <i>lb/sqft</i>	5.5 <i>1.13</i>	5.5 <i>1.13</i>	8.4 <i>1.71</i>	8.4 <i>1.71</i>
Standard belt color		White		Blue	

The nominal tensile strength is valid for 23 °C (73 °F).

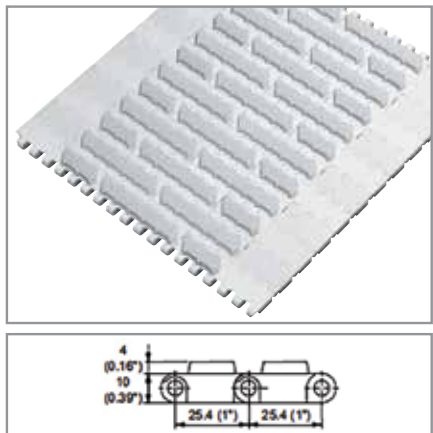


M2520 GripTop 1"

Belt data		PP		POM	
GripTop material		TPE			
Rod material		PP	POM	PP	PA
Nominal tensile strength F' _N straight run	N/m lb/ft	14000 959	18000 1233	18000 1233	26000 1781
Temperature range	°C °F	5 – 60 40 – 140	5 – 60 40 – 140	5 – 60 40 – 140	-40 – 60 -40 – 140
Belt weight m ₈	kg/m² lb/sqft	8.7 1.74	8.7 1.74	11.4 2.34	11.4 2.34
Standard belt color		White		Blue/White	

The PBT +FR belt fulfills UL 94 V0 and ISO 340.

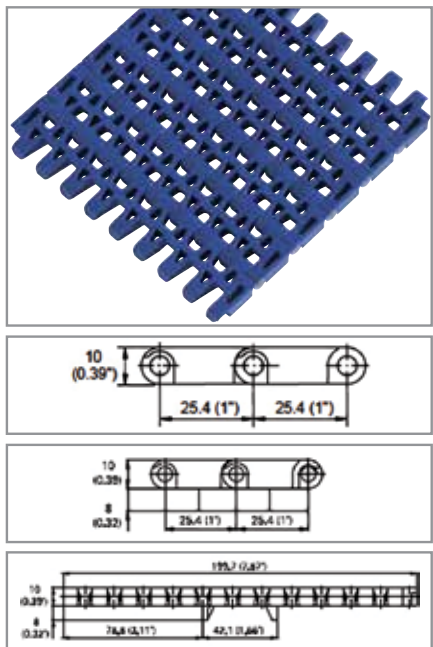
The nominal tensile strength is valid for 23 °C (73 °F).



M2533 Flush Grid 1"

Belt data		PP	PE	POM	
Belt material		PP	PE	POM	
Rod material		PE	PE	PP	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	14000 <i>959</i>	8000 <i>548</i>	18000 <i>1233</i>	24700 <i>1692</i>
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	5 – 93 40 – 200	-40 – 93 -40 – 200
Belt weight m_8	kg/m² <i>lb/sqft</i>	4.6 <i>0.94</i>	5.1 <i>1.04</i>	7.1 <i>1.45</i>	7.1 <i>1.45</i>
Standard belt color		White	Blue	Blue/White	

The nominal tensile strength is valid for 23 °C (73 °F).

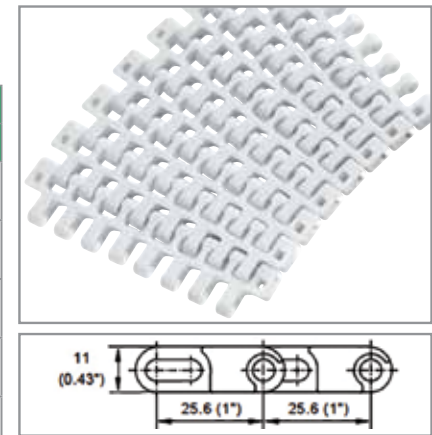


M2540 Radius Flush Grid 1"

Belt data		PP		POM
Belt material		PP		POM
Rod material		POM	PA	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	19000 <i>1300</i>	19000 <i>1300</i>	27000 <i>1850</i>
Nominal tensile strength F'_N in curve ⁽¹⁾	N <i>lbf</i>	1000 <i>225</i>	1000 <i>225</i>	1500 <i>338</i>
Temperature range	°C °F	5 – 93 40 – 220	5 – 105 40 – 200	-40 – 93 -40 – 200
Belt weight m_8	kg/m² <i>lb/sqft</i>	4.7 <i>0.96</i>	4.7 <i>0.96</i>	7.0 <i>1.44</i>
Standard belt color		White		Blue/White

⁽¹⁾For $b_0 > 300$ mm (12") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).

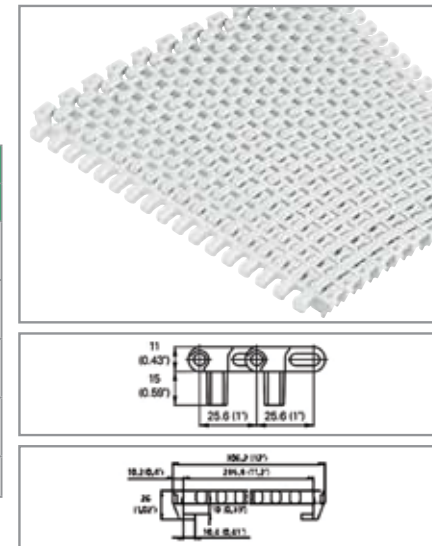


M2540 Radius Flush Grid 1" MTW

Belt data		PP		POM
Belt material		PP		POM
Rod material		POM	PA	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	5810 <i>1307</i>	5810 <i>1307</i>	8260 <i>1858</i>
Nominal tensile strength F'_N in curve ⁽¹⁾	N <i>lbf</i>	1000 <i>225</i>	1000 <i>225</i>	1500 <i>338</i>
Temperature range	°C °F	5 – 93 40 – 200	5 – 105 40 – 220	-40 – 93 -40 – 200
Belt weight m_8	kg/m² <i>lb/sqft</i>	4.7 <i>0.96</i>	4.7 <i>0.96</i>	7.0 <i>1.44</i>
Standard belt color		White		White

⁽¹⁾ The indicated nominal tensile strength refers to 12" (306 mm) belt width. For $b_0 > 12$ " higher values admissible, please contact your Habasit representative.

The nominal tensile strength is valid for 23 °C (73 °F).

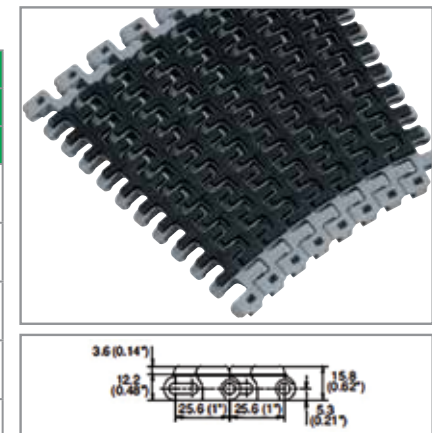


M2540 Radius GripTop 1"

Belt data		PP		POM
Belt material		PP		POM
GripTop material		TPE		POM
Rod material		POM	PA	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	19000 <i>1300</i>	19000 <i>1300</i>	19000 <i>1300</i>
Nominal tensile strength F'_N in curve ⁽¹⁾	N <i>lbf</i>	1000 <i>225</i>	1000 <i>225</i>	1000 <i>225</i>
Temperature range	°C °F	5 – 60 40 – 140	5 – 60 40 – 140	5 – 60 40 – 140
Belt weight m_8	kg/m² <i>lb/sqft</i>	6.4 <i>1.31</i>	6.4 <i>1.31</i>	6.4 <i>1.31</i>
Standard belt color		White		White

⁽¹⁾For $b_0 > 300$ mm (12") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).



M2544 Tight Radius 1"

Belt data

Belt material		PP		POM
Rod material		POM	PA	PA
Nominal tensile strength F' _N straight run	N/m lb/ft	14000 959	14000 959	20000 1370
Nominal tensile strength F' _N in curve ⁽¹⁾	N lbf	600 135	600 135	1100 247
Temperature range	°C °F	5 – 93 40 – 220	5 – 105 40 – 220	-40 – 93 -40 – 200
Belt weight m _g	kg/m ² lb/sqft	5.8 1.19	5.8 1.19	8.4 1.72
Standard belt color	White		Blue/White	

⁽¹⁾For b₀ > 600 mm (23.6") higher values admissible. Refer to LINK-SeleCalc

The nominal tensile strength is valid for 23 °C (73 °F).

M2544 Tight Radius GripTop 1"

Belt data

Belt material		PP	
GripTop material		TPE	
Rod material		POM	PA
Nominal tensile strength F' _N straight run	N/m lb/ft	14000 959	14000 959
Nominal tensile strength F' _N in curve ⁽¹⁾	N lbf	600 135	600 135
Temperature range	°C °F	5 – 60 40 – 140	5 – 60 40 – 140
Belt weight m _g	kg/m ² lb/sqft	7.2 1.47	7.2 1.47
Standard belt color	White		

⁽¹⁾For b₀ > 300 mm (12") higher values admissible. Refer to LINK-SeleCalc

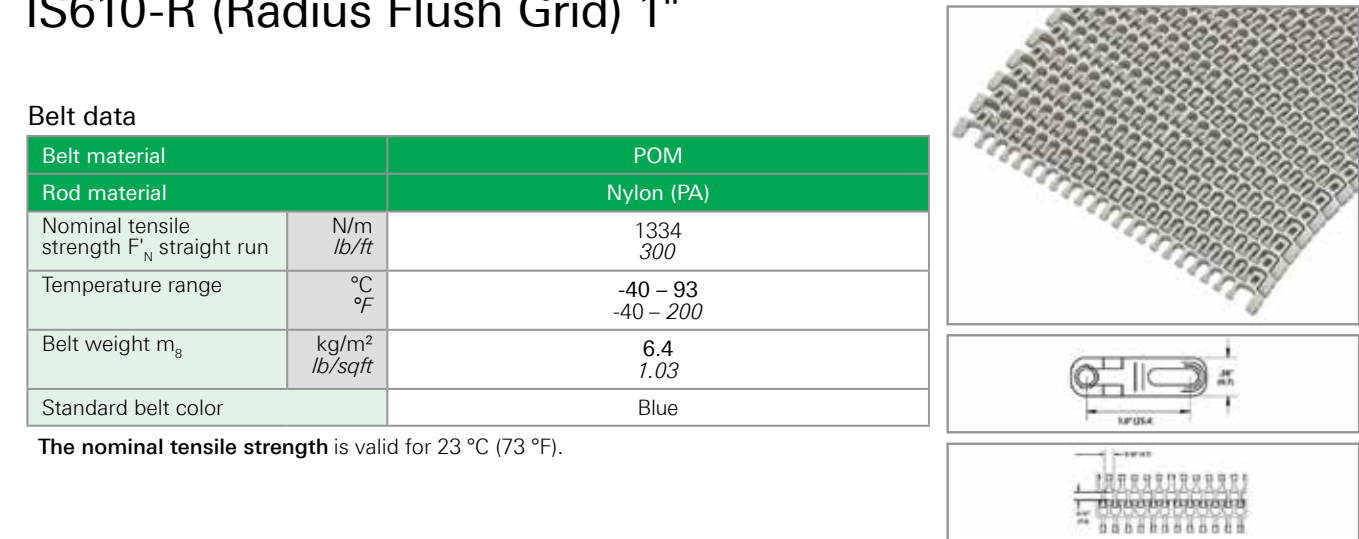
The nominal tensile strength is valid for 23 °C (73 °F).

IS610-R (Radius Flush Grid) 1"

Belt data

Belt material		POM
Rod material		Nylon (PA)
Nominal tensile strength strength F' _N straight run	N/m lb/ft	1334 300
Temperature range	°C °F	-40 – 93 -40 – 200
Belt weight m _g	kg/m ² lb/sqft	6.4 1.03
Standard belt color	Blue	

The nominal tensile strength is valid for 23 °C (73 °F).



F52 Smart Fit (1/2" x 1/2" Flat Wire) 1.1"

Belt data

Belt material		Nylon (PA + GF)	
Rod material		Stainless Steel	
Nominal tensile strength F' _N straight run	N/m lb/ft	8756 600	
Temperature range	°C °F	-40 – 145 -40 – 293	
Temperature maximum (short-term)	°C °F	175 347	
Belt weight m _g	kg/m ² lb/sqft	7.7 1.57	
Standard belt color	Brown		

Additional belt colors and materials available, abrasive resistant Nylon (Polyamide) rods available.

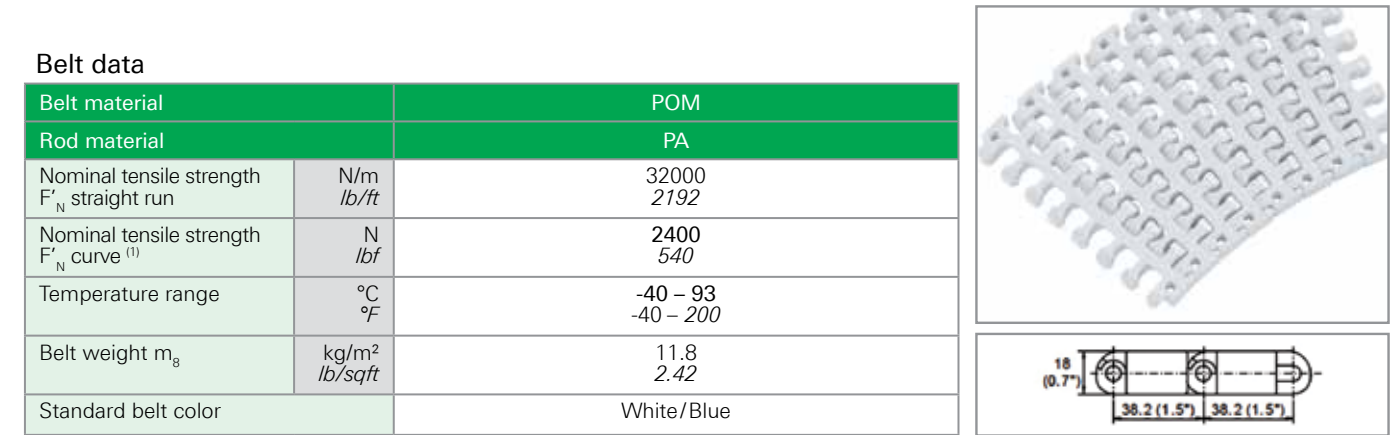
The nominal tensile strength is valid for 23 °C (73 °F).

M3840 Radius Flush Grid 1.5"

Belt data

Belt material		POM	
Rod material		PA	
Nominal tensile strength F' _N straight run	N/m lb/ft	32000 2192	
Nominal tensile strength F' _N curve ⁽¹⁾	N lbf	2400 540	
Temperature range	°C °F	-40 – 93 -40 – 200	
Belt weight m _g	kg/m ² lb/sqft	11.8 2.42	
Standard belt color	White/Blue		

The nominal tensile strength is valid for 23 °C (73 °F).



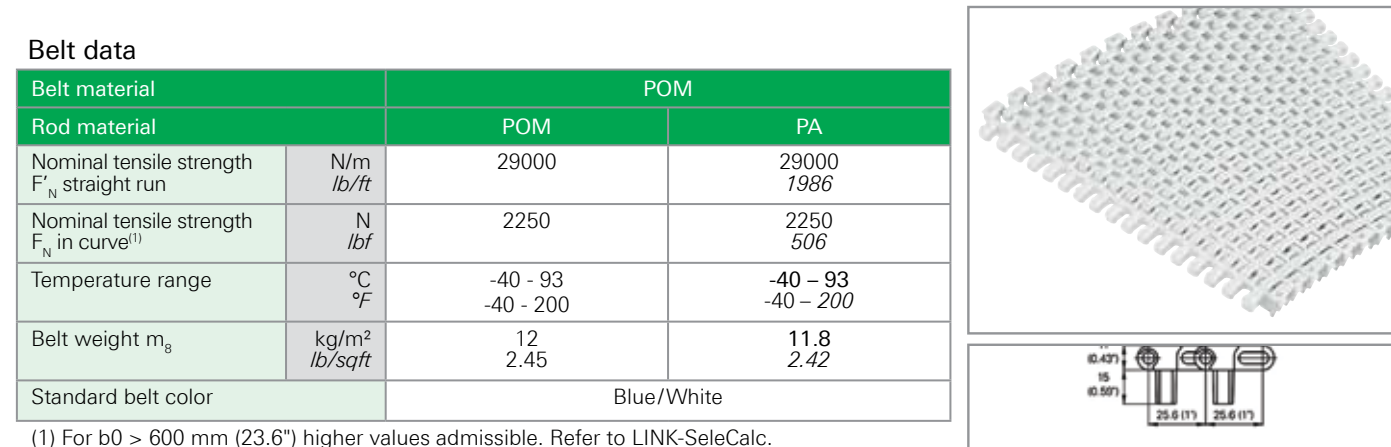
M3843 Tight Radius 1.5"

Belt data

Belt material		POM	
Rod material		POM	PA
Nominal tensile strength F' _N straight run	N/m lb/ft	29000 1986	29000 1986
Nominal tensile strength F' _N in curve ⁽¹⁾	N lbf	2250 506	2250 506
Temperature range	°C °F	-40 - 93 -40 - 200	-40 – 93 -40 – 200
Belt weight m _g	kg/m ² lb/sqft	12 2.45	11.8 2.42
Standard belt color	Blue/White		

(1) For b0 > 600 mm (23.6") higher values admissible. Refer to LINK-SeleCalc.

The nominal tensile strength is valid for 23 °C (73 °F).



CC41 (Flat Top) 1.75"

Belt data

Belt material		PP	PP +DE
Rod material		Nylon (PA)	
Nominal tensile strength F' _N straight run	N/m lb/ft	35024 2400	27728 1900
Temperature range	°C °F	5 – 105 40 – 220	5 – 105 40 – 220
Belt weight m ₈	kg/m² lb/sqft	7.3 1.50	5.9 1.20
Standard belt color		Gray/White	Dark Gray

Stainless steel rods available.

The nominal tensile strength is valid for 23 °C (73 °F).

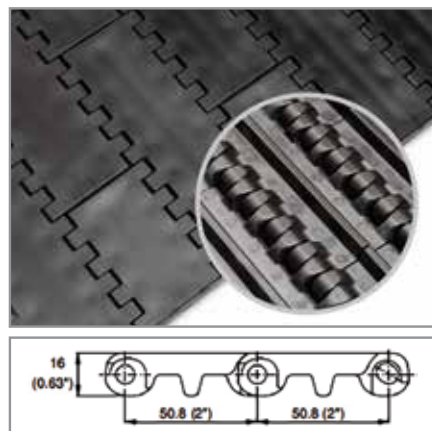


M5015 Flat Top 2"

Belt data

Belt material		PE
Rod material		PE
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	18000 <i>1233</i>
Temperature range	°C °F	-70 – 65 <i>-94 – 150</i>
Belt weight m_8	kg/m² <i>lb/sqft</i>	10.4 <i>2.13</i>
Standard belt color		Black

The nominal tensile strength is valid for 23 °C (73 °F).

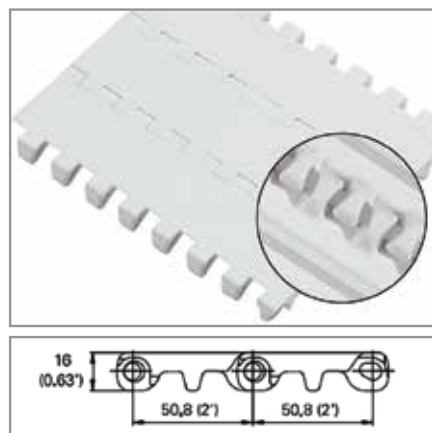


M5060 Flat Top 2"

Belt data

Belt material		POM		PE	
Rod material		PE	PA	PE	PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	14000 <i>959</i>	30000 <i>2055</i>	8000 <i>548</i>	10000 <i>685</i>
Temperature range	°C °F	-40 – 65 <i>-40 – 150</i>	-40 – 93 <i>-40 – 200</i>	-70 – 65 <i>-94 – 150</i>	-46 – 65 <i>-50 – 150</i>
Belt weight m_8	kg/m² <i>lb/sqft</i>	13.1 <i>2.68</i>	13.1 <i>2.68</i>	8.4 <i>1.71</i>	9.1 <i>1.86</i>
Standard belt color		Blue/Natural			

The nominal tensile strength is valid for 23 °C (73 °F).

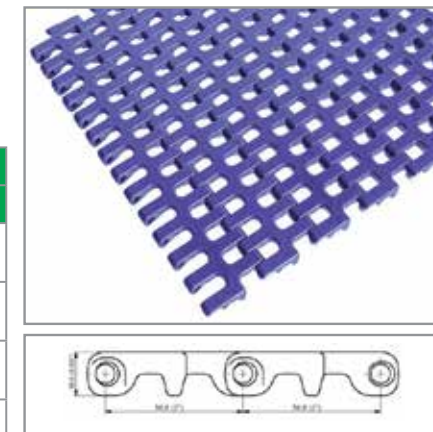


M5085 Flush Grid 2"

Belt data

Belt material		PP
Rod material		PP
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	16000 <i>1096</i>
Temperature range	°C °F	5 – 105 <i>40 – 220</i>
Belt weight m_8	kg/m² <i>lb/sqft</i>	7.5 <i>1.44</i>
Standard belt color		Blue

The nominal tensile strength is valid for 23 °C (73 °F).

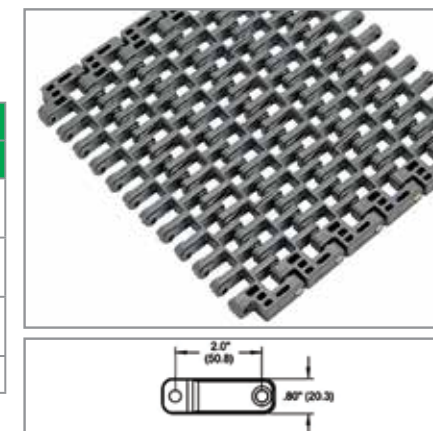


SE620 (Straight Edge Flush Grid) 2"

Belt data

Belt material		PBT
Rod material		PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	39402 <i>2700</i>
Temperature range	°C °F	-40 – 118 <i>-40 – 245</i>
Belt weight m_8	kg/m² <i>lb/sqft</i>	13.0 <i>2.67</i>
Standard belt color		Black

The nominal tensile strength is valid for 23 °C (73 °F).



IS620-R (Radius Flush Grid) 2"

Belt data

Belt material		POM
Rod material		PA
Nominal tensile strength F'_N straight run	N/m <i>lb/ft</i>	24818 <i>1700</i>
Nominal tensile strength F_N in curve ⁽¹⁾	N <i>lbf</i>	3114 <i>700</i>
Temperature range	°C °F	-40 – 93 <i>-40 – 200</i>
Belt weight m_8	kg/m² <i>lb/sqft</i>	12.5 <i>2.56</i>
Standard belt color		Blue/Off-White

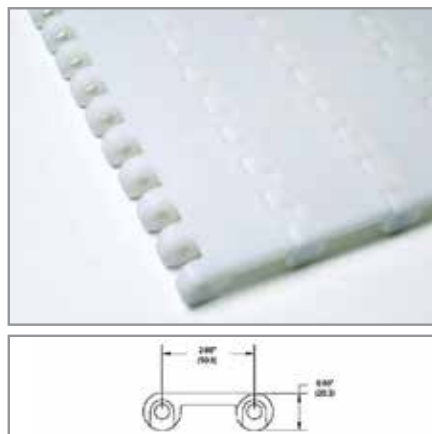
The nominal tensile strength is valid for 23 °C (73 °F).



HDU620 FT (Flat Top) 2"

Belt data				
Belt material		PP	PE	POM
Rod material		PP	PE	PE
Nominal tensile strength F' _N straight run	N/m lb/ft	26268 1800	20430 1400	30646 2100
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	-40 – 65 -40 – 150
Belt weight m ₈	kg/m² lb/sqft	7.8 1.59	8.0 1.64	11.5 2.35
Standard belt color		Gray	White	White

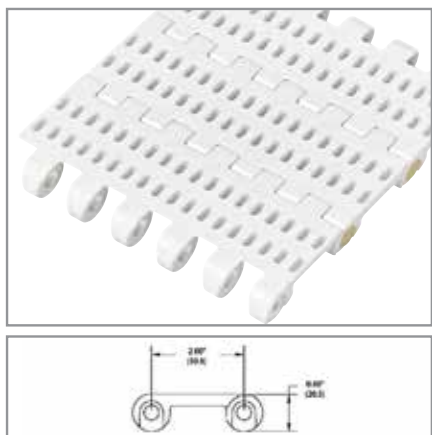
Additional abrasive resistant Nylon (Polyamide) rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



HDU620 VT (Vented Top) 2"

Belt data				
Belt material		PP	PE	POM
Rod material		PP	PE	PE
Nominal tensile strength F' _N straight run	N/m lb/ft	26268 1800	20430 1400	30646 2100
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	-40 – 65 -40 – 150
Belt weight m ₈	kg/m² lb/sqft	7.8 1.59	8.0 1.64	11.5 2.35
Standard belt color		Gray	White	White

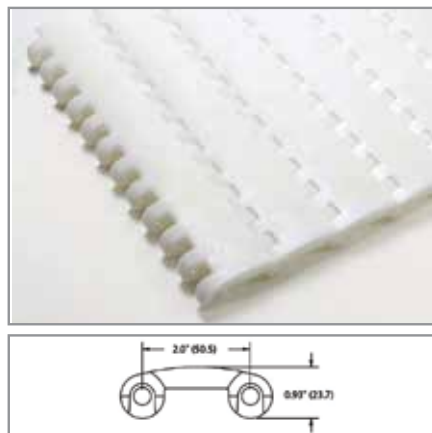
Additional abrasive resistant Nylon (Polyamide) rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



HDU620 CT (Curved Top) 2"

Belt data				
Belt material		PP	PE	POM
Rod material		PP	PE	PE
Nominal tensile strength F' _N straight run	N/m lb/ft	26268 1800	20430 1400	30646 2100
Temperature range	°C °F	5 – 105 40 – 220	-70 – 65 -94 – 150	-40 – 65 -40 – 150
Belt weight m ₈	kg/m² lb/sqft	7.8 1.59	8.0 1.64	11.5 2.35
Standard belt color		Gray	White	White

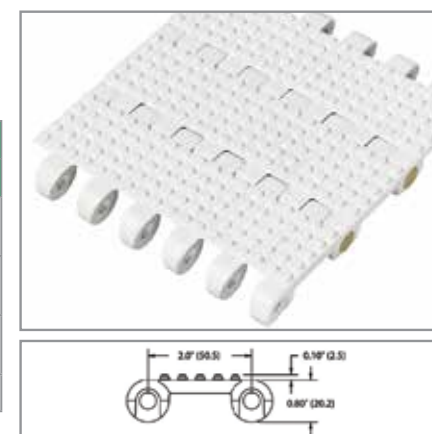
Additional abrasive resistant Nylon (Polyamide) rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



HDU620 EZR (Easy Release) 2"

Belt data			
Belt material		PE	
Rod material		PE	
Nominal tensile strength F' _N straight run	N/m lb/ft	20430 1400	
Temperature range	°C °F	-70 – 65 -94 – 150	
Belt weight m ₈	kg/m² lb/sqft	8.0 1.64	
Standard belt color		White	

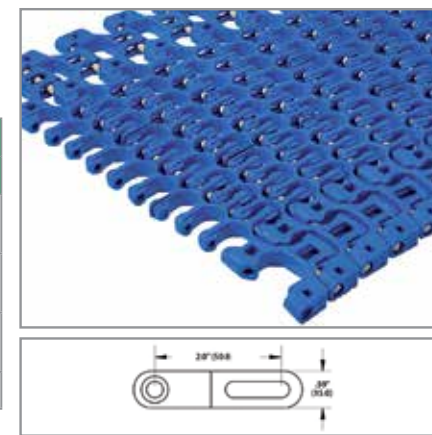
Additional abrasive resistant Nylon (Polyamide) rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



PR620 (Spiral Pro) 2"

Belt data			
Belt material		POM	
Rod material		Nylon (PA)	
Nominal tensile strength F' _N straight run	N/m lb/ft	2669 600	
Temperature range	°C °F	-40 – 93 -40 – 200	
Belt weight m ₈	kg/m² lb/sqft	7.4 1.51	
Standard belt color		Blue	

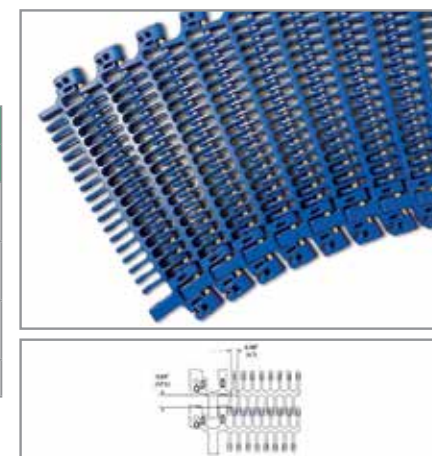
Stainless steel rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



PR620 SPS (Spiral Pro – Small Product Surface) 2"

Belt data			
Belt material		POM	
Rod material		Nylon (PA)	
Nominal tensile strength F' _N straight run	N/m lb/ft	2669 600	
Temperature range	°C °F	-40 – 93 -40 – 200	
Belt weight m ₈	kg/m² lb/sqft	7.4 1.51	
Standard belt color		Blue	

Stainless steel rods available.
The nominal tensile strength is valid for 23 °C (73 °F).



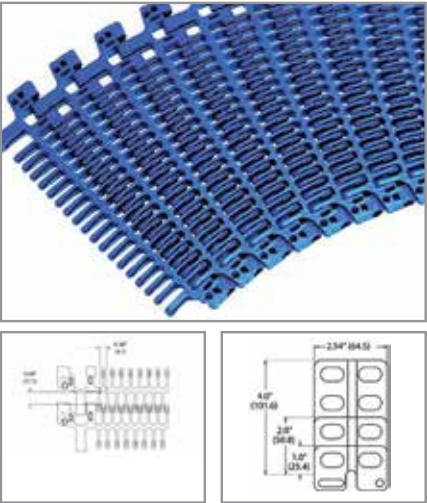
PR620 SPS CT (Spiral Pro - Small Product Surface Curved Top) 2"

Belt data

Belt material		POM
Rod material		Nylon (PA)
Nominal tensile strength F _N in curve'	N lbf	2669 600
Temperature range	°C °F	-40 – 105 40 – 200
Belt weight m _g	kg/m ² lb/sqft	8.3 1.70
Standard belt color		Blue

Stainless steel rods available.

The nominal tensile strength is valid for 23 °C (73 °F).



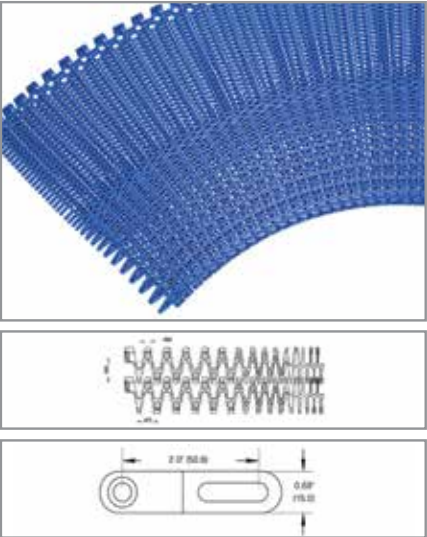
PR620 TTR (Spiral Pro - Tight Turn Radius) 2"

Belt data

Belt material		POM
Rod material		POM
Nominal tensile strength F _N in curve'	N lbf	2535 570
Temperature range	°C °F	-40 – 93 40 – 200
Belt weight m _g	kg/m ² lb/sqft	7.3 1.50
Standard belt color		Blue

Stainless steel rods available.

The nominal tensile strength is valid for 23 °C (73 °F).

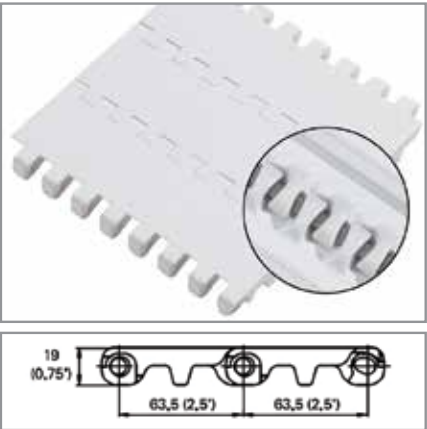


M6360 Flat Top 2.5"

Belt data

Belt material		PE	POM
Rod material		PE	
Nominal tensile strength F _N straight run	N/m lb/ft	14000 959	19000 1301
Temperature range	°C °F	-70 – 65 -94 – 150	-40 - 65 -40 - 150
Belt weight m _g	kg/m ² lb/sqft	11.4 2.34	16.5 3.38
Standard belt color		Natural	

The nominal tensile strength is valid for 23 °C (73 °F).



Habasit® Cleandrive is a thermoplastic, layer-less belt with high-stability aramid cords inside plus a special polyurethane formula for consistently reliable results and a superior hygienic design. Aramid reinforcement provides longer life and less downtime by preventing the gradual elongation commonly seen in unreinforced monolithic belts which stretch perpetually to failure. With exceptional microbial and hydrolysis resistance, Habasit Cleandrive’s superior hygienic design provides superior cleanability. USDA certified for meat, poultry and dairy processing.

Habasit Cleandrive
Safe and hygienic food processing

Positive Drive



Friction Drive



Lug Drive



Habasit Cleandrive Stocking																
Product Group and Belt Type	Conveying side, surface	Converting side, color	Back side, surface	Color	Pitch Thickness [in.]	Stocking Widths								Manufacturing width [in.]	Belt Type	
						15	18	24	30	36	42	48	72			
Positive Drive																
CD.M50.S-UA.CB	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.118	■	■	■	■	■	■	■	□	71.26	CD.M50.S-UA.CB	
CD.M50.S-UA.CB	Smooth	White	Glossy	White	0.12	■	■	■	■	■	■	■	□	71.26	CD.M50.S-UA.CB	
CD.M25.S-UA.CBL	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.12	■	■	■	■	■	■	■	□	71.26	CD.M25.S-UA.CBL	
CD.M25.S-UA.WBL	Smooth	White	Glossy	White	0.12	■	■	■	■	■	■	■	□	71.26	CD.M25.S-UA.WBL	
CD.M50.S-UA.CBD	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.12	■	■	■	■	■	■	□	□	47	CD.M50.S-UA.CBD	
Friction Drive																
CD.M00.B-UA.CB.30	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.12	■	■	■	■	■	■	■	■	71.26	CD.M00.B-UA.CB.30	
CD.M00.B-UA.WB.30	Smooth	White	Glossy	White	0.12	■	■	■	■	■	■	■	■	71.26	CD.M00.B-UA.WB.30	
CD.M00.B-UA.CB.30	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.08	■	■	■	■	■	■	■	■	71.26	CD.M00.B-UA.CB.30	
CD.M00.B-UA.WB.20	Smooth	White	Glossy	White	0.08	■	■	■	■	■	■	■	■	71.26	CD.M00.B-UA.WB.20	
CDT-139_18	Orange Peel	Cobalt Blue	Glossy	Cobalt Blue	0.12	■	■	■	■	■	■	■	□	48	CDT-139_18	
CDT-062	Smooth	Cobalt Blue	Glossy	Cobalt Blue	0.12	■	■	■	■	■	■	■	□	48	CDT-062	
Lug Drive																
CD.M40.L-UA.CB	Smooth	Cobalt Blue	Glossy	Cobalt Blue		■	■	■	■	■	■	■	■	72	CD.M40.L-UA.CB	
■ Stocked □ Non Stocked																

■ Stocked ■ Non Stocked

Customers first

Your success is our goal. That is why we don't just offer products; we provide solutions. As committed partners to our customers, we are dedicated to sharing our knowledge and providing full support.

Since our founding in 1946, Habasit has been finding ways to meet customer-specific needs in every application. This is what differentiates us as the #1 worldwide belting provider in the industry today.



Comprehensive consulting and technical support

Profit from the best consulting and technical support in the lightweight belting industry. Local experts are always available to assist you with your belting needs. The Habasit team is proud to provide the highest level of support, together with top-quality products that have led the global market for decades.

Belt selection and calculation assistance

We are always glad to help you select the most suitable belt for any application for your convenience. We now also provide the free online tool ‘SeleCalc’ which allows you to easily make selections and calculations yourself. Simply register online at selecalc.habasit.com.

Fabrication, assembly and local installation services

As a full-service belting provider, we offer joining and assembly services either at our own locations or directly on your equipment.

Habasit has over 30 affiliates worldwide, each with its own inventory, fabrication, assembly and service facilities.

Together with representative offices and numerous qualified distributors, we can react quickly and efficiently to meet all your needs.

Customer training programs

To ensure the optimal performance and maximum lifespan of all our products, we offer training programs and various support tools. This includes proper procedures for fabrication, installation, assembly, maintenance and belt repair, all of which take place at a Habasit site or at your location.

Belt monitoring, inspections, analyses and process optimization proposals

We organize and handle belt maintenance, inspections, analyses and surveys at customers' sites. Upon request, we are ready to develop optimization proposals to ensure you're getting maximum value from your machinery and process output.

Design assistance for customized solutions

Habasit believes in building partnerships with our customers. Our engineering team will work closely with your engineers on joint design developments from initial design to final implementation. This expert service can be invaluable for projects involving new technologies or large-scale modifications and adaptations.



Committed to innovation

Because our customers' belting challenges and needs are always changing, we consistently invest a substantial amount of labor and resources into the research and development of new products and solutions.

Certified for quality

We deliver the highest quality standards not only in our products and solutions, but also in our employees' daily work processes. Habasit AG is certified according to ISO 9001:2015.



Worldwide leading product range

Habasit offers the largest selection of belting, conveying, processing and complementary products in the industry. Our response to any request is nothing less than a specific, tailor-made solution.

 HabaFLOW® Fabric-based conveyor and processing belts	 HabasitLINK® Plastic modular belts	 Habasit® Cleandrive Monolithic reinforced conveyor belts	 HabaDRIVE® Power transmission belts
 HabaSYNC® Timing belts	 HabaCHAIN® Chains (slat and conveyor chains)	 Machine tapes	 Round belts
 Seamless belts	 HabiPLAST™ Profiles, Guides, Wear strips	 Accessories (sprockets, flights, welding profiles, etc.)	 Fabrication tools (joining, cutting & preparing devices)

EMEA

Germany

Habasit GmbH, Eppertshausen
Phone: +49 6071 969 0
www.habasit.de

Switzerland

Habasit GmbH, Reinach
Phone: +41 61 577 51 00
www.habasit.ch

Austria

Habasit GmbH, Wiener Neudorf
Phone: +43 1 690 66
www.habasit.at

Italy

Habasit Italiana SpA
Customer Care: 0438 911333
For int. calls: +39 0438 911444
www.habasit.it

France

Habasit France SAS, Mulhouse
Phone: +33 3 89 33 89 03
www.habasit.fr

Spain

Habasit Hispánica S.A.
Barberá del Vallés
Phone: +34 937 191 912
www.habasit.es

United Kingdom & Ireland

Habasit UK Ltd., Elland
Phone: +44 333 207 6570
www.habasit.co.uk

Netherlands

Habasit Netherlands BV, Nijkerk
Phone: +31 332 472 030
www.habasit.nl

Belgium & Luxembourg

Habasit Belgium N.V., Zaventem
Phone: +32 27 250 430
www.habasit.be | habasit.lu

Turkey

Habasit Kayis San.
Ve Tic. Ltd. Sti., Istanbul
Phone: +90 444 70 43
www.habasit.com.tr

Nordic countries

Habasit AB, Hindås, Sweden
Phone: +46 301 226 00
www.habasit.se

Poland

Habasit Polska Sp. z o.o.
Czeladź, Poland
Phone: +48 32 639 02 40
www.habasit.pl

Russia

OOO Habasit Ltd.
Moscow Region
Phone: +7 495 966 1566
www.habasit.ru

Ukraine

Habasit Ukraine LLC., Kyiv
Phone: +38 044 290 88 99
www.habasit.ua

South Africa

Habasit South Africa Pty Ltd.
Gauteng
Phone: +27 10 001 6770
www.habasit.co.za

APAC

Japan

Habasit Nippon Co., Ltd.
Tokyo
Phone: +81 3 6820 2120
www.habasit.co.jp

China

Habasit East Asia Ltd.
Fotan, Shatin, N.T., Hong Kong
Phone: +852 2145 0150
www.habasit.com.hk

Habasit (Shanghai) Co. Ltd.

Shanghai
Phone: +8621 5488 1218
www.habasit.com.cn

Taiwan

Habasit (Taiwan) Ltd.
New Taipei City
Phone: +886 2 2267 0538
www.habasit.com.tw

India

Habasit India, Coimbatore
Phone: +91 422 666 78 00
www.habasit.in

Singapore

Habasit Far East Pte Ltd.
Singapore
Phone: +65 6862 5566
www.habasit.com.sg

Australia

Habasit Australia Pty Ltd.
Silverwater, Sydney
Phone: +61 1300 945 455
www.habasit.com.au

New Zealand

Habasit New Zealand Pty Ltd.
Auckland
Phone: 0800 000 070
www.habasit.co.nz

AMERICAS

USA

Habasit America
Suwanee, Georgia
Phone: +1 800 458 6431
www.habasitamerica.com

Canada

Habasit Canada Ltd., Oakville
Phone: +1 905 827 41 31
www.habasit.ca

Mexico

Habasit Rocua, Zapopan
Phone: +52 33 3824 2358
www.habasitrocua.mx

Brazil

Habasit do Brasil, Barueri - SP
Phone: +55 11 4789 9022
www.habasit.com.br

Habasit AG

Römerstrasse 1
CH-4153 Reinach, Switzerland
Phone: +41 61 715 15 15
Fax: +41 61 715 15 55
www.habasit.com

Registered trademarks
Copyright Habasit AG
Subject to alterations
4502BRO.VPR-en0225USA

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.

Information provided herein does not constitute legal representations or warranties and may change without notice.
Please refer to the specifications/disclaimers provided in the respective product data sheets.