

# HABASIT BELT CHART



800-558-7080 • sales@tideindustrial.com

								
<b>Part Number:</b>	Habasit CM-18/30F	Habasit F-1	Habasit FNI-12E	Habasit FNI-5E	Habasit HAG-12E	Habasit HAL-12E	Habasit HAM-5P	Habasit HAR-12E
<b>Color:</b>	Green	Green	Gray	White	Green	Green	Green	Green
Nominal OAG	0.130" +/- .010	0.050" +/- .005	0.060" +/- .010	0.040" +/- .010	0.230" +/- .010	0.100" +/- .010	0.040" +/- .010	0.070" +/- .010
Plies	1	2	2	2	2	2	3	2
Fabric	Polyester	Nylon	Polyester	Polyester	Polyester	Polyester	Polyamide	Monofilament/Polyester
Min Pulley Dia	2.4"	1"	2"	0.6"	3.1"	1.9"	0.8"	1.6"
Compound	NBR	NBR	Urethane	Urethane	NBR	EPDM	NBR	NBR
Top Surface	Rough Surface	Rough Surface	Fabric Surface	Non-adhesive smooth	Rough Top	Longitudinal Groove	Adhesive	Mini-Rough Top Impression
Bottom Surface	Rough Surface	Impregnated Fabric	Fabric Surface	Bare	Bare	Bare	Bare	Bare Surface
Work Tension	86 lbs./PIW	45 lbs./PIW	143 lbs./PIW	46 lbs./PIW	114 lbs./PIW	114 lbs./PIW	26 lbs./PIW	114 lbs./PIW
Elongation	Less than 1%	Less than 1%	Less than 1%	Less than 2%	Less than 1%	Less than 1%	Less than 1%	Less than 2%
Weight P.I.W. / Ft.	0.055	0.022	0.028	0.015	0.078	0.043	0.016	0.03
Working Temp	-4F to 149F	-4F to 212F	-22F to 176F	-22F to 176F	32F to 212F	-22F to 212F	-4F to 212F	-4F to 212F
Joining Method	Finger Splice	Skived Splice; Lacing	Finger Splice; Lacing	Finger Splice	Skived Splice; Lacing	Skived Splice; Lacing	Skived Splice	Finger Splice; Lacing
Features	Dimensionally stable and is finger splicable. It is permanently anti-static.	F-1 features an abrasion resistant top cover.	FNI-12E features good release characteristics. It conforms to FDA and is permanently antistatic. In addition to food related applications this belt is used in the Automotive and Chemical industries.	FNI-5E features good release properties and is FDA grade.	HAG-12E features an NBR rough top cover and a bare urethane impregnated bottom cover. It is abrasion resistant and anti-static.	HAL-12E features an exceptionally soft compound with molded grooves that self clean when going around pulleys. The EPDM compound makes this belt one of the best longitudinal groove products on the market. This belt is anti-static.	HAM-5P is a work-horse paper handling and processing belt.	HAR-12E features an abrasion resistant NBR mini-rough top surface cover. It is permanently anti-static and suitable for power turns.
Applications	CM-18/30F is primarily used as a folder/gluer and tubewinder belt.	F-1 is a paper manufacturing and paper processing mainstay.	FNI-12E can be used as a general conveying belt as well as a discharge belt, packaging belt and transfer belt.	FNI-5E is used for bakery applications, food processing, chocolate and confectionary conveyors, dough production as well as in the Chemical industry.	HAG-12E is a general material handling belt that can be used anywhere a rough top belt can be used. It is anti-static.	HAL-12E is an excellent general conveying belt in applications such as tote conveying and paper manufacturing and processing. Suitable for both incline and decline applications.	HAM-5P is used in paper converting, paper manufacturing, paper printing and paper finishing.	HAR-12E is a good general conveying belt. It is used in paper manufacture and processing, material handling, paper converting, packaging and as a general conveying belt.

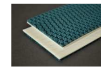
\* The data contained here are approximate values dependent on belt dimensions, application and environment and is for reference only. It is believed to be reliable, but no representations, guarantees or warranties of any kind are made to its accuracy or suitability for any particular purpose. It is recommended that users conduct their own evaluations for the intended application.

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<b>Part Number:</b>	Habasit HAT-12P	Habasit HAT-8P	Habasit HNB-8E	Habasit NAB-12EEDV	Habasit NAJ-8EEDV	Habasit S-18/20	Habasit XVT-2213
<b>Color:</b>	Green	Green	Green	Green	Green	Green	Green
Nominal OAG	0.120" +/- .010	0.080" +/- .010	0.060" +/- .010	0.110" +/- .010	0.220" +/- .010	0.080" +/- .010	4mm (0.160" +/- .0156)
Plies	3	2	2	2	2	2	2
Fabric	Polyamide	Polyamide	Polyester	Polyester	Monofilament/Polyester	Polyamide	Polyamide
Min Pulley Dia	1.6"	0.8"	0.8"	2"	2.4"	2.4"	1.6"
Compound	NBR	NBR	Urethane	PVC	PVC	NBR	NBR
Top Surface	Rough Texture	Rough Texture	Smooth	Smooth Cover	Sine Wave Rough Top Impression	Green Rough Texture	Green Rough Texture
Bottom Surface	Bare	Bare	Bare Surface	Bare Surface	Bare Surface	Yellow Rough Texture	Yellow Rough Texture
Work Tension	114 lbs./PIW	40 lbs./PIW	74 lbs./PIW	74 lbs./PIW	51 lbs./PIW	43 lbs./PIW	40 lbs./PIW
Elongation	Less than 1%	Less than 1%	Less than 1%	Less than 2%	Less than 2%	Less than 1%	Less than 1%
Weight P.I.W. / Ft.	0.055	0.036	0.031	0.055	0.0766	0.0366	0.073
Working Temp		32F to 212F	5F to 176F	14F to 158F	-14F to 158F	-4F to 212F	-4F to 149F
Joining Method	Finger Splice; Lacing	Skived Splice; Lacing	Finger Splice; Lacing	Finger Splice; Lacing	Finger Splice; Lacing	Skived Splice	Finger Splice
Features	HAT-12P features abrasion resistance and a high coefficient of friction.	HAT-8P features abrasion resistance and a high coefficient of friction.	HNB-8E features a smooth non-adhesive top cover. It is anti-static and conforms to FDA.	NAB-12EEDV is a general conveying belt. It is suitable for use on a slider bed or carrying rollers. It is used in distribution centers, packaging, furniture manufacturing, plastics manufacturing and in the wood industry.	NAJ-8EEDV offers an abrasion resistant rough top impression for conveying on inclines. NOTE-The rough top impression must be recessed before lacing.	S-18/20 is an abrasion resistant power transmission belt. It is also used as a folder gluer.	This Habasit belt features an abrasion resistant top and bottom cover and an adhesive-free splice.
Applications	HAT-12P is used as a general conveying belt, a machine tape and as a paper handling belt.	HAT-8P is used as a general conveying belt, a machine tape and as a paper handling belt.	HNB-8E is a general purpose conveying and processing belt.	NAB-12EEDV is a general conveying belt in applications such as an infeed belt, discharge belt, line belt and an inspection/control belt.	NAJ-8EEDV has a distinctive rough top pattern in a sine wave configuration which is difficult to mistake. It is used in distribution centers, farming, furniture manufacturing, package handling, plastic manufacturing, synthetics/rubber and the wood industry.	S-18/20 is used in paper converting, folder gluers, box making and yarn processing.	XVT-2213 is a 4mm thick folder gluer belt. It has also been used as a live roller drive belt.

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