



# #71: HAG-12E CONVEYOR BELT



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Main Industry Segments: Materials Handling; Packaging; Paper converting; Paper manufacturing and processing; Wood. Belt Applications: Decline belt; General conveying belt; Incline belt; Paper handling belt; Processing belt. Special Features: Abrasion resistant; Chemical resistant; Constant coefficient of friction; High coefficient of friction surface; Oil resistant. Mode of Use/Conveyance: Declined; Horizontal; Inclined

PLIES: 2 | TOP COVER: GREEN ROUGH TOP NBR | BOTTOM COVER: BLACK PU IMPREGNATED FABRIC

**Tags:** [Abrasion Resistant](#), [General Conveying](#), [Incline](#), [Industrial](#), [Material Handling](#), [Mineral Oil](#), [Paper Processing](#), [Printing](#), [Vegetable Oil](#), [Vegetable Products](#)

## TECHNICAL DATA

BELT THICKNESS:	5.8 mm	0.230"
PULLEY DIAMETER (MIN.):	100 mm	4"
PULLEY DIAMETER (MIN.) BACK FLEXING:	mm	"
BELT WEIGHT:	4.6 kg/m <sup>2</sup>	0.94 lb/ft <sup>2</sup>
PRODUCTION WIDTH:	1200 mm	47"
BREAKING STRENGTH:		
TENSION FOR 1% ELONGATION:	20 N/mm	114 lbs/in
MAX. ADMISSIBLE BELT TENSION (EQUAL TO 1.8% STRETCH):		
OPERATING TEMPERATURE:	0° to 100° C	32° to 212° F

## BELT CONSTRUCTION

TOP MATERIAL COVER:	NBR
SURFACE FINISH:	Rough Top
PROPERTY:	
COLOR:	Green
BOTTOM COVER MATERIAL:	PU Impregnated Fabric
SURFACE FINISH:	
COLOR:	Black

## BELT FABRIC

TOP PLY:	POLYESTER
INNER PLIES:	
BOTTOM PLY:	POLYURETHANE CROSS-LINKED (PUR)
TOTAL NO. OF PLIES	2

## BELT CHARACTERISTICS

	YES	NO
Permanently Anti-Static	✓	
Nosebar Suitable		✗
Powerturn Suitable		✗
Slider Bed Suitable	✓	
Troughed Application Suitable		✗
FDA / USDA Approved		✗
Low Noise		✗
Flame Retardant		✗
Suitable for Metal Detector		✗
Abrasion Resistant	✓	