



#13: SI-12A MONO WHITE SILICONE CONVEYOR BELT (REF SIW-10E)



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Specifically designed for high-temperature food applications, this product has many other uses where temperature, cleanability, abrasion resistance, and excellent release and chemical resistance characteristics are required. It is a very good option for shrink wrapping equipment, in that it has high temperature and chemical resistance, as well as excellent release. It is suitable for bakery, confection, meat, pharmaceutical, rubber production, plastics, chemical, and many other applications. This material is unique in that it has a silicone inner layer (most similar belts use a thermoplastic), and it can still be made endless.

PLIES: 2 | TOP COVER: WHITE SMOOTH SILICONE | BOTTOM COVER: FRICTION FABRIC

Tags: [Animal Fats](#), [Bakery](#), [Chewing Gum](#), [Fish](#), [Food Manufacturing](#), [Food Processing](#), [Fruits](#), [General Conveying](#), [High Release](#), [High Temp](#), [Horticultural](#), [Industrial](#), [Material Handling](#), [Mineral Oil](#), [Pharmaceutical](#), [Plastics](#), [Unpackaged Food](#), [USDA / FDA](#), [Vegetable Oil](#), [Vegetable Products](#)

TECHNICAL DATA

BELT THICKNESS:	2.159 mm	0.085"
PULLEY DIAMETER (MIN.):	20 mm	0.79"
PULLEY DIAMETER (MIN.) BACK FLEXING:	mm	"
BELT WEIGHT:	kg/m ²	0.29 lb/ft ²
PRODUCTION WIDTH:	960 mm	37.8"
BREAKING STRENGTH:		
TENSION FOR 1% ELONGATION:		46 lbs/in
MAX. ADMISSIBLE BELT TENSION (EQUAL TO 1.8% STRETCH):	23.33	
OPERATING TEMPERATURE:	-30° to 180° C	-22° to 356° F

BELT CONSTRUCTION

TOP MATERIAL COVER:	Silicone 68 SHA
SURFACE FINISH:	Smooth
PROPERTY:	
COLOR:	White
BOTTOM COVER MATERIAL:	Friction Fabric
SURFACE FINISH:	
COLOR:	

BELT FABRIC

TOP PLY:	POLYESTER MONOFILAMENT WITH LATERAL STABILITY
INNER PLIES:	
BOTTOM PLY:	POLYESTER MONOFILAMENT WITH LATERAL STABILITY
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		✗