

**Catalog # 146**
**Item number: 10874**
**Description:**

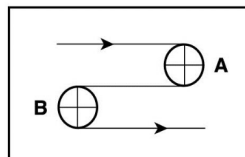
3 Ply Poly 171 White PVC C x C AS ATEX FDA

**International Designation:**

E30/3 P1/P2 White PVC C X C Smooth ATEX

**Construction:**

Compound Top Cover	White PVC
Top Cover Thickness (in)	(2.00 mm) 0.0787 in
Top Cover Description	Smooth
Top Cover Shore	73
Compound Bottom Cover	White PVC
Bottom Cover Thickness (in)	(1.00 mm) 0.0394 in
Bottom Cover Description	Smooth
Bottom Cover Shore	73
Number of Plies	3
Anti Static	Yes
Overall Gauge (in)	(6.10 mm) 0.2400 in
Unit Weight- lb/PIW	0.1317 lbs/PIW
Material Between Plies	PVC
Maximum Width (in)	78 in
Temperature Range (°F)- High	176 °F
Temperature Range (°F)- Low	5 °F

**Pulley Diameter, Minimum**


A) Normal Flex (200.00 mm) 7.8740 in

B) Back Flex (250.00 mm) 9.8425 in

**Belt Strength:**

Pull for 1% Elongation (30 N/mm) 171 lbs/sq in

**Splice Instructions:**

Foil	Yes
Splice Process	Step Hot
Press Temperature (°F)	347 °F
Press Pressure (psi)	28 lbs/sq in

Note: Listed above is a guideline only. Every vulcanizer is different and will show different results. We recommend that you do a test splice with your press before attempting the actual belt splice.

**Other:**

Cross Rigid	No
Impression Top	No
Oil Resistant	Yes
Fire Resistant	Yes
FDA Approved	Yes

**Special Characteristics:**

The #146 belt is ideal for bucket elevators handling food products and recommended when high resistance to animal and vegetable oils and fats is needed. The antistatic polyester multifilament construction is suitable for troughed conveyors utilizing support rollers for maximum flexibility. ATEX compliant for use in potentially explosive environments.

\*\*\*\*\*All Values are nominal and subject to change without notice.\*\*\*\*\*

<b>St. Louis, MO</b> 800-727-2358 314-344-8500	<b>Boise, ID</b> 800-423-4469 208-342-4681	<b>Charlotte, NC</b> 800-849-2358 704-949-2100	<b>Grand Prairie, TX</b> 800-727-2358 314-344-8555	<b>Philadelphia, PA</b> 800-777-1314 215-295-1900	<b>Sacramento, CA</b> 800-289-2358 916-419-7191	<b>Vancouver, WA</b> 800-234-2358 360-567-4280	<b>Beltservice Canada</b> 877-210-7423 905-565-9217	<b>Beltservice de Mexico</b> +52 55 53620434 +44 2980 3266
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# PVC FDA

## 3 PLY POLY 171 WHITE PVC C X C AS ATEX FDA

INTERNATIONAL DESIGNATION: E30/3 P1/P2 WHITE PVC C X C SMOOTH ATEX

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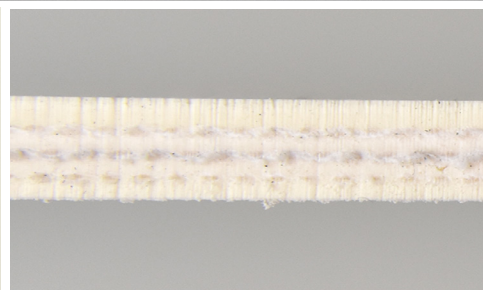
Part Number



Top Cover View



Bottom Cover View



Ply View



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REV 5/23