Flexam Solid Woven Heavy Duty PVC Belts for Logistics

Innovation and Service in Belting
High Performance for the Logistics Industry

Solid woven polyester coated with PVC provides excellent tear and impact resistance along with dimensional stability, delivering high performance solutions for today’s evolving logistics industry.

**Logistics made better**

Flexam SW is a premium quality belting product range for the logistics industry.

**Flexam SW** (SW stands for Solid Woven), is a belting type originating out of North America which has become an industry standard.

Flexam SW will be available globally at the same Ammeraal Beltech quality you have come to enjoy with our other products.

Six belts are available in different strengths (100, 125 & 150), some with a PVC top cover or A34 profiled cover for inclines. The impregnated carcass without a cover is the most popular belt in our Flexam SW belting range.

**Available finishes**

- **M2 Matte cover**
- **Friction surface**
- **A34 Profile cover**

**Our SW belt is comprised of a single ply s-weave carcass impregnated with our familiar Flexam PVC formulation.**

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**Features**

- Impact, abrasion, cut and tear resistant
- Good lace retention properties
- Flame retardant according ASTM–D378
- High strength belts available
- Laterally rigid
- Grip profile for steep inclines available

**Benefits**

- Quick & simple belt installation possible with mechanical fastener
- Low maintenance & long service life
- Less elongation than common conventional PVC belting
- Lower total cost of ownership
Typical applications

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Unloader</th>
<th>Incline [up to 20°]</th>
<th>Collection</th>
<th>Transport</th>
<th>Soration</th>
<th>Accumulation</th>
<th>Industry Nomenclature</th>
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<tbody>
<tr>
<td>589530</td>
<td>Flexam SW100 00+01 black</td>
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<td>PVC 100 FSxFS</td>
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<td></td>
<td>PVC 100 CxFS</td>
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<td>PVC 125 MRTxFs</td>
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<td>PVC 150 FSxFs</td>
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<td>PVC 150 FSxFs</td>
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</table>

*kt1% relaxed value established in line with ISO 21181:2005
** The minimum drum diameter dimensions were established at room temperature. Lower temperatures require increased drum diameters. Belts with profiles or sidewalls might require larger drum diameters. Diameter dimensions do not apply to conveyor belts with mechanical fasteners.

Technical belt data

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
<th>Working Tension [N/mm]</th>
<th>Force at 1% Elongation* [N/mm]</th>
<th>Belt Thickness [mm]</th>
<th>Weight [lbs./ft.]</th>
<th>Coefficient of Friction: Bottom/Top (Dynamic)</th>
<th>Min. Pulley Bottom/Top flexing [mm]</th>
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<tbody>
<tr>
<td>589530</td>
<td>Flexam SW100 00+01 black</td>
<td>18.0</td>
<td>8.0</td>
<td>3.0</td>
<td>0.594</td>
<td>0.25 / 0.3</td>
<td>50 / 50</td>
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<td>Flexam SW100 00+03 black M2</td>
<td>18.0</td>
<td>8.0</td>
<td>3.2</td>
<td>0.717</td>
<td>0.25 / 0.6</td>
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<td>Flexam SW125 00+01 black</td>
<td>21.0</td>
<td>9.0</td>
<td>3.8</td>
<td>0.737</td>
<td>0.25 / 0.3</td>
<td>76 / 76</td>
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<tr>
<td>589549</td>
<td>Flexam SW125 00+04 black M2</td>
<td>21.0</td>
<td>9.0</td>
<td>4.1</td>
<td>0.881</td>
<td>0.25 / 0.6</td>
<td>89 / 101.5</td>
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<td>9.0</td>
<td>6.5</td>
<td>1.188</td>
<td>0.25 / 1.1</td>
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<td>Flexam SW150 00+01 black</td>
<td>25.0</td>
<td>10.0</td>
<td>4.6</td>
<td>0.881</td>
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Our belt description explained

Flexam SW100 00+03 Black M2
1. Type of top cover
2. Type and strength of fabric
3. Bottom (cover) thickness or profile style
4. Top (cover) thickness or profile style
5. Colour of the top cover
6. Additional

Ammeraal Beltech is your global supplier for the best PVC belts in the business. Check out our other product families belonging to our logistics & airport product range:

**FLEXAM EX:** Our EX range is energy efficient. EX fabric makes use of a special polyester fibre weave that reduces energy consumption & noise. Minimum elongation makes it easy to track. Not suited however for impact loading.

**FLEXAM IR:** Our Impact Resistant range incorporates the best of both worlds! A true hybrid, the belt’s behaviour is much like a Flexam belt in terms of energy efficiency and tracking, however it retains the strength, cut resistance and lateral stiffness characteristics of Flexam SW.
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