

AM-EN

# Flexam Solid Woven Heavy Duty PVC Belts for Logistics



# 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.

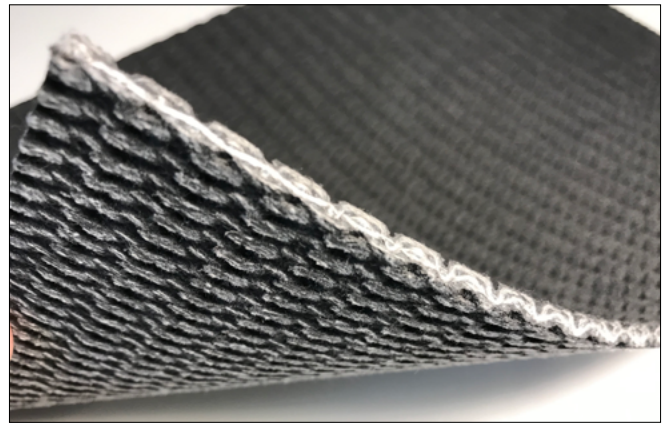
## Logistics made better

**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.



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

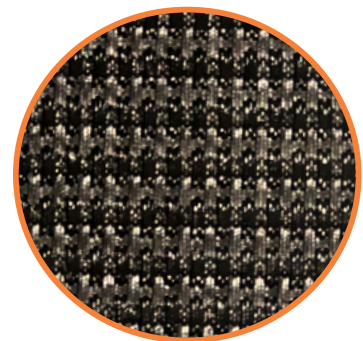
## Available finishes



**M2 Matte cover**



**Friction surface**



**A34 Profile cover**



### 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

## Technical belt data

Item Code	Description	Working Tension [N/mm]	Force at 1% Elongation* [N/mm]	Belt Thickness [mm]	Weight [lbs./ft. <sup>2</sup> ]	Coefficient of Friction: Bottom/Top [Dynamic]	Min. Pulley Bottom/Top flexing ** [mm]
589530	Flexam SW100 00+01 black	18.0	8.0	3.0	0.594	0.25 / 0.3	50 / 50
589548	Flexam SW100 00+03 black M2	18.0	8.0	3.2	0.717	0.25 / 0.6	63.5 / 76
589531	Flexam SW125 00+01 black	21.0	9.0	3.8	0.737	0.25 / 0.3	76 / 76
589549	Flexam SW125 00+04 black M2	21.0	9.0	4.1	0.881	0.25 / 0.6	89 / 101.5
589550	Flexam SW125 00+A34 black	21.0	9.0	6.5	1.188	0.25 / 1.1	140 / 178
589532	Flexam SW150 00+01 black	25.0	10.0	4.6	0.881	0.25 / 0.3	101.5 / 101.5

\*k1% 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.

## 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					

## Typical applications

Item Code	Description	Unloader	Incline [up to 20 °]	Collection	Transport	Sortation	Accumulation	Industry Nomenclature
589530	Flexam SW100 00+01 black	●					●	PVC 100 FSxFS
589548	Flexam SW100 00+03 black M2	●			●			PVC 100 CxFS
589531	Flexam SW125 00+01 black				●		●	PVC 125 FSxFS
589549	Flexam SW125 00+04 black M2	●						PVC 125 CxFS
589550	Flexam SW125 00+A34 black		●					PVC 125 MRTxFS
589532	Flexam SW150 00+01 black			●	●	●	●	PVC 150 FSxFS

## Haven't Found What You Are Looking For?

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**.

