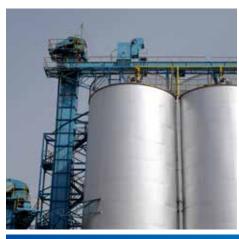
#### ΕN

# Synthetic Belts for Abrasive Sugar Transport







Ammeraal Beltech is a leading manufacturer of process and conveyor belting with an established reputation for developing innovative solutions for belting applications.

Experience and extended application knowledge enabled Ammeraal Beltech to develop a specific range of plied belts for the sugar industry: transport of cane and beets, refining and packaging.

Processing sugar sets high demands. The transport of the coarse sugar is an abrasive process. Conveyor belt damage may occur and it has effect on the safety issues in the factory – fire and combustion have to be avoided.

#### **Main features**

- Foodgrade, meets FDA and EC 1935/2011 requirements
- Low elongation; belts with 2 or 3 flexible fabric plies
- Fabrics coated on both sides no ingress of sugar; closed belt edges are optional
- No electrostatic build-up antistatic according to ISO 21178
- Flame retardant according ISO 340
- ATEX compliance for use in potentially explosive areas

#### **Benefits**

- Low energy consumption
- Reduced maintenance costs
- Increased productivity
- · Longer belt life

### **Typical application**

- Unpacked and packed sugar
- Other granular (food) products



Ammeraal Beltech member European Hygienic Engineering & Design Group



Food Grade belts comply with EC1935/2004, EU 10/2011 and FDA standards

## Innovation & Service in Belting

#### **Technical information**

Belt Range for Sugar processing													
Article no.	Nomenclature							No. of plies	Belt hickness [mm]	Weight [kg/m²]	Hardness top cover [shore A]	Force at 1% elongation [N/ mm]	Flexing diameter [mm]
578760	) Flexam	EF	10/2	10 +	20	white	AS EG ER	2				10	
578620	) Flexam	EF	15/3	10 +	20	white	AS FR FG	3	5.9	7.5	85	15	180
578630	) Flexam	EF	15/3	10 +	30	white	AS FR FG	3	6.9	7.5		15	
560123	Nitrile BX	EP	12/3	C5 +	C5	white	CR AS FR FG	3		6.0	70	12	150

Belts are in compliance with ATEX directives

AS = antistatic, CR = cold resistant, FG = food grade, FR = flame retardant

#### Food safe

The sugar belts are food grade products that comply with international standards EC1935/2004 and FDA.

#### Safe environment

The sugar industry is a risk manufacturing area. Granular, dusty materials can become flammable or combustible. The sugar belts are:

- certified for ATEX category 2, including accessories (e.g. tracking ropes, carriers, Bordoflex corrugated sidewalls, Amseal closed belt edges);
- · flame retardant according ISO 340;
- antistatic according ISO 21178.

#### **High productivity**

The Flexam PVC and Nitrile BX rubber covers guarantee a proper protection of the fabric layers against ambient conditions, but also against negative influences of the sugar. The covers are abrasion, impact and chemical resistant.

#### Less maintenance

The sugar belts have proven to be very reliable. The high quality synthetic materials combined with strong polyester fabrics ensure flexibility and a low belt weight resulting in easy cleaning and a long belt life.



Smooth running, flexible for trough



ATEX 2 compliance



One Stop Belt Shop								
Knowing your process	Industry and product knowledge are the foundation of an innovative and service-oriented organization							
All your belting needs	Ammeraal Beltech developed a wide range of belting and accessories to assist in improving hygiene levels to protect against food borne or disease causing bacteria							
Just-in-time delivery	World-wide distribution and large service network; skilled personnel are on call to repair and install belts using professional equipment, suitable for food plants							













Expert advice and quality solutions for all your belting needs.

ammeraalbeltech.com

Ammeraal Beltech P.O. Box 38 1700 AA Heerhugowaard The Netherlands

T +31 (0)72 575 1212 info@ammeraalbeltech.com

ammega.com