

Food grade and flame retardant modular belt



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

Fire damage is a major concern for bakeries and other high temperature conveying applications. Ensuring a safe and productive workplace while also mitigating risks is crucial for success in these industries.

With decades of experience, Ammeraal Beltech has created a series of plastic modular belts that meet both the **EU and FDA food contact regulations**, as well as possessing **flame retardant properties** (PA6.6 UL 94 V-2).

UL 94 V-2 is the **safety standard** for the potential flammability of plastic materials primarily due to its ability to **self-extinguish within 30 seconds of a fire starting**.

Main features

- Flame retardant
- Wide temperature range (-40 °C through 140 °C)
- Good wear resistance
- Side flex or Straight running
- Spiral capable
- Food Safe

Benefits

- Lower risk of damaging fires
- Safer workplace for your employees

Typical applications

- Bakeries and high temperature conveying industries

Did you know that some plastic modular belts do not produce visible flames?

For example, Acetal, a commonly used material when making belts, burns with an invisible flame, which makes it challenging to detect a fire.

Ammeraal Beltech's modular brand, uni, produces PA6.6 UL 94 V-2 material that is **suitable for high-heat applications**. This material has the ability to self-extinguish within 30 seconds of catching fire, thereby **minimizing the potential impact of fire damage**.



Our **flame retardant modular belts** are designed by experienced Ammeraal Beltech modular engineers and made from quality materials to **keep your people, facility and products safe**.

UL-94 V-2 Products	Common Applications	Benefits
Flex ASB / L-ASB	Radius and Spiral Applications	Robust construction. Optimum product support with minimal contact. Non-sag belt edges. Unique load sharing design.
Flex L-OSB / L-OSB DD (Direct Drive)	Radius and Spiral Applications	Excellent vertical airflow (65% open). Lowest surface contact (12% contact area). Uniform opening across width. No crumb retention. High beam strength.
M-TTB	Hot pan discharge, Cooling, Freezing, Drying, Proofing	High strength, Small transfer capable, Easy clean, Laterally rigid, Easy assembly/disassembly, Excellent sprocket engagement
SNB-M2	General conveying for food & beverage	Optimal for cleaning in place, High strength, High release options, Available in variety of open ratios

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