

# SAFECon®belts

THE SAFEST COMPOSITE BELTS  
FOR UNDERGROUND APPLICATIONS



# SAFECon®belts

Revolutionary conveyor belts, creating a one-of-its-kind class solid woven belts. Strongest fabric-core belts in the world perfect for underground mining. SAFECon®belts have the following competitive advantages over other PVC-based belts on the market.



## ADVANTAGES & INNOVATIONS

- Over 20% lighter carcass
- 10% thinner carcass
- Yellow – coloured carcass
- Specially designed wide edges
- Guaranteed abrasion below 150mm<sup>3</sup>
- Possibility of installing asymmetrical covers without thickness limitation



## Produced widths [mm]

500

2000



The highest class of fire safety



Lighter and thinner construction



High elasticity index



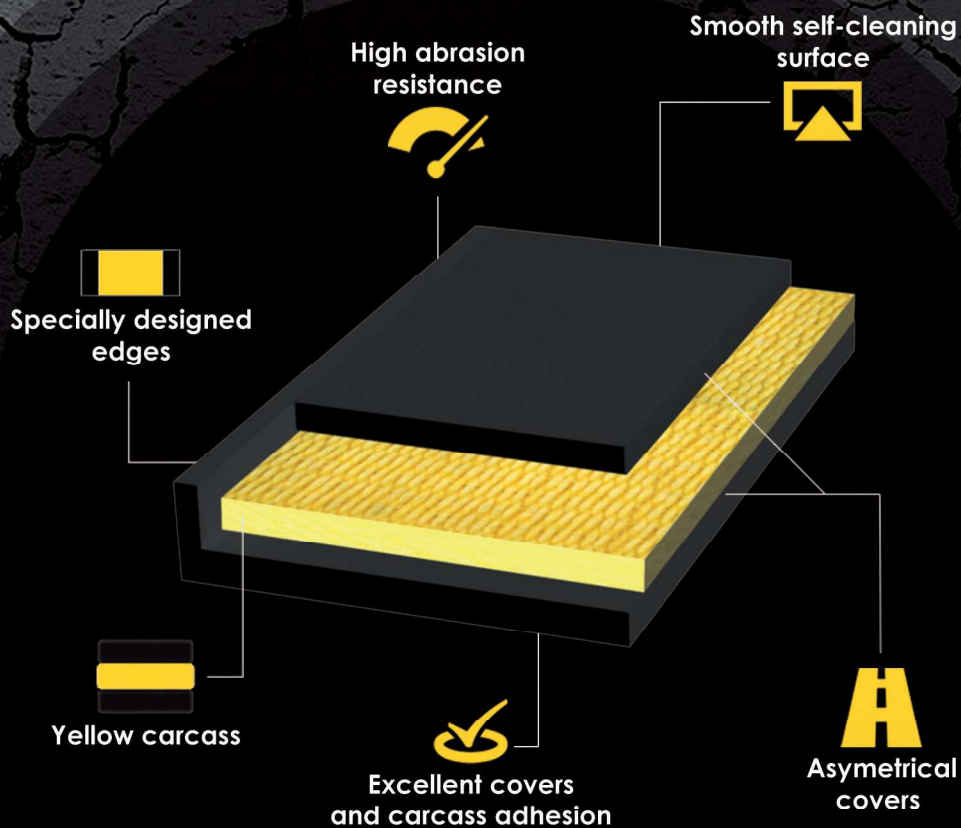
Increased resistance to tears and punctures

## Yellow carcass

SAFECon@belts have a specially designed thinner and lighter solid woven carcass of increased resistance to tearing and longitudinal or lateral punctures. It is impregnated with a special flame-retardant mixture which prevents penetration of moisture, impurities, oils or bacteria into the core. The carcass is yellow to warn users when the belt covers or edges have been worn through.

## Belt construction

SAFECon@belts are made in compliance with AS 1332 and EN ISO 22721 standards. They have a lightweight structure which helps to reduce power consumption. High lateral and longitudinal elasticity enables accurate laying of belts on rollers and seamless bending on drums.



## Cover and edges

SAFECon@belts have dedicated SY type covers and edges made of PVC mixtures with higher wear and tear resistance. They are integrated into the belt and prevent penetration by moisture or impurities. As a standard, the SY covers are made smooth on the surface. They have distinguishing self-cleaning properties and are energy efficient. Their guaranteed abrasion resistance is less than 150 mm<sup>3</sup>, which enables a longer belt lifetime. Asymmetrical covers make it possible to distinguish between the working surface and the running surface, which also increases the whole belt lifespan. The total thickness of the covers can vary between 4 to 15 mm.

## Safety standards

SAFECon@belts meet fire and electrical safety requirements according to C1 category, the most stringent safety category that corresponds to EN ISO 14973+A1.



**Conbelts**

Modern factory in Europe



Modernized laboratory



New production line



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