



FIRETEX® BELTS

ATEX 

barbieri

NASTRI TRASPORTATORI
CONVEYOR BELTS



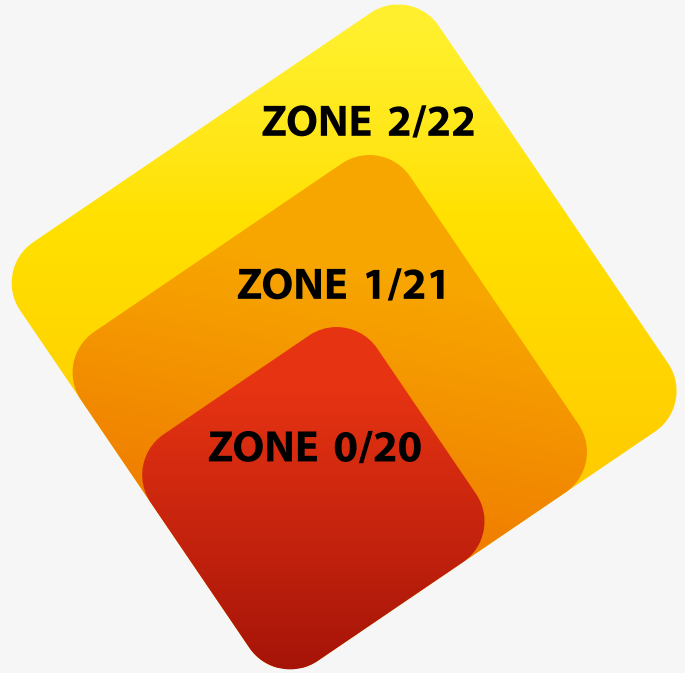
Conveyor belts made of standard covers, if used in potentially explosive atmosphere, may presents a risk of ignition from static electricity or heat due to friction and it would be highly flammable. For safety purposes, belts for this particular application, should facilitate discharge of static electricity and avoiding any type of explosions and fire propagation.

European standards specify the safety parameters of this type of conveyor belt:

- Antistatic performance in accordance with ISO 284
- Fire resistance in accordance with ISO 340

The European Union has issued the **ATEX directive 2014/34/EU**, defining 3 areas depending on the explosion risk:

- **Zone 0/20** : Permanent explosive atmosphere presence of Gas and Dust,
- **Zone 1/21** : Occasionally explosive atmosphere presence of Gas and Dust,
- **Zone 2/22** : Accidental explosive atmosphere presence of Gas and Dust (dysfunction).



MARKING

0948 II 1D Ex h IIIC Da

0948 II 1G Ex h IIC Ga

Firetex®

BARBIERI belt **FIRETEX®** can be used in **Zones 20, 21, 22** for Dust and **Zones 0, 1, 2** for Gas, a notified body carries out an annual audit to check the manufacturing process for this Ex equipment according

to EN ISO/IEC 80079-34, 80079-36, 80079-37 ATEX and issue ATEX quality certification (n. **TÜV IT 18 ATEX 028 Q**) and ATEX product certification (n. **TÜV IT 18 ATEX 011 U**).

