

ATEX Declaration

The ATEX European directive concerns machines or equipment and protective systems intended for use in potentially explosive environments.

Individual components (non-active) such as transmission and conveyor belts, do not require ATEX certification. In fact only products with potential self-ignition sources which may generate an explosion are within the scope of the ATEX Directive.

The equipment or machine in which the components are used may have to be certified. When the final application is known, it must be ensured that the components - after integration into the final product - are in compliance with the safety rules in scope.

The belt drive can be a potential source of ignition. This can be generated by static electricity (possible sparks) or by excessive heating when in use with pulleys.

In order to avoid static electricity (and possible sparks consequently caused) ELATECH synchronous belts can be supplied, on request, in anti-static construction according to the ISO 9563 standard (ISO standard for static conductivity of synchronous belt drives).

Also, when the belts are used under normal operating conditions and have been mounted and tensioned following the installation and/or maintenance requirements, will not produce excessive heat. It is recommended to regularly inspect the drive to check the tension and the wear of the belt.

ELATECH M (open end) antistatic timing belts in compliance with ISO 9563, are therefore consistent with the requirements of the ATEX Directive

Val Brembilla 14/03/2019



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