FIRE PREVENTION SYSTEM
Leave nothing to chance: this modern out-of-the-box Lindner FPS solution automatically detects and cools overheated particles in the waste stream while they are still on the conveyor, effectively preventing possible sources of fire.

ACTIVE HEAT DETECTION & AUTOMATED COOLING
To avoid possible sources of fire, the IR sensor (1) detects the waste streams' temperature on the conveyor belt right after it has passed the shredder. In this way, overheated particles are reliably detected and the cooling process triggered.

In sync with the conveyor belt speed, the water nozzles (2) are activated one after the other and the temperature is lowered to below the preset threshold value.

SAFETY FIRST WITH OUR CONTROL SENSOR
The 2nd sensor unit at the upper end of the discharge belt (3) provides additional safety. If the temperature is too high, the heat source is automatically stopped under the last water nozzle, the shredder comes to a halt and the alarm is triggered.

SPACE-SAVING, SIMPLE INSTALLATION
As a heated container solution with Plug&Go connections, the Lindner FPS can be quickly installed in almost any environment. Thanks to its fully integratable, compact design, it can be easily retrofitted in existing facilities.
LINDNER'S FPS AT A GLANCE

- Accurately detects overheated materials
- Automatically triggers the efficient cooling system
- Individually controllable water nozzles
- Control sensor safely stops the facility
- Compact, heated container design
- 250 l water & 300 l compressed air tank
- Expandable to 2 lines and 6 sensors
- Optional: data logger and monitoring function
- Self-monitored

Typical temperature curve of an SRF production line