

Information about tube couplings in explosion risk environments with overpressure and underpressure

Coupling instead of welding tube ends

Tube couplings offer the fast and safe alternative as a „weld-free“ connection of pipeline components for media and environments with a risk of explosion in plant construction. Especially where media such as dust, e.g. mineral and flour dust or pellets as they are used in plastic production or components in the food industry, are transported with pneumatic conveyor systems. Tube couplings enable fast and simple integration into the plants here. Pressure-proof systems for underpressure and overpressure up to max. 8 bar can be constructed for example by using safety clips. Tube ends can also be connected reliably in gaseous application environments by the integrated sealing sleeves. The smooth cut tube ends are simply pushed into the coupling sleeve. LINNEMANN GmbH provides tube couplings in lightweight or heavy duty versions in high grade or normal steel suitable for different application areas and media and environment conditions.



Fig.: Rohrkupplung an einem Transportrohr
für Mehl in einer Bäckerei

Source: LINNEMANN / Pfäffle

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