

Securely connecting large diameters

In plant construction, the assembly of lines with special sizes demands individual clamp connections. Special designs are expensive. LINNEMANN GmbH in Tübingen therefore offers the FLW pipe connection system. With diameters of 300 mm upwards, rigid or flexible pipes or hoses can be joined quickly and tightly and separated again if necessary, e.g. for maintenance or cleaning purposes. Tongue and groove flanges of stainless steel or other materials, appropriate O-rings – also FDA-conform – and clamps form a secure connection at vacuum and overpressure from - 30 °C to + 200 °C. Blind covers are available for terminations.

The combination of the clamping rings with two or multiple part clamp segments make this system economical. Safety locks prevent accidental release. An optional, additional clamping possibility in the area of the joint ensures distribution of the connecting force. The FLW clamp connections are used with abrasive bulk materials or also gases. Typical media are grain in mills, chips in fodder plants, pellets in the plastic industry, mixing components in the production of fertilizers but also fresh air and exhaust air in painting plants and in clean room technology.



FLW clamp connections as a clamping band with quick release and lock. Incl. clamping device on the joint as well as mounted profile segments Separately: Tongue and groove flange with inserted O-ring.

Details of the Linnemann portfolio can be found under www.linnemann-online.de where graphics and product descriptions, structure and use are given in more detail.



The application shows connections between pipes which are partly covered with protective hoses.



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