



GKD expands offering for the fiberglass mat industry

Process belts for impregnation and drying from a single source

In fiberglass mat production, dryer belts from the GKD Group set the standard worldwide. Virtually all manufacturers trust in the evenness and cross stability of these metal belts. With the expansion of its portfolio to include impregnation belts, GKD now supplies belts for the core processes of fiberglass mat production from a single source.

Impregnation belts have a decisive impact on the efficiency of the production process and the quality of the end product. Parameters such as the size of the mesh opening, number of contact points, and type of weave are major contributors to the success of the process. Based on market surveys, GKD developed three different types of belts for impregnation processes. With their different sized mesh openings, they cover the entire range of requirements: type 1780 (8/6.1 threads per centimeter), type 1830 (9.2/7.5 threads per centimeter), and type 1865 (11/9 threads per centimeter). Depending on the customer specification for the length and thickness of the glass fibers used, individual binder composition, process, and end product, GKD selects the ideal belt from this range together with the customer.

Established trust

As a valued supplier of reliable products and services and a competent contact in matters of systems engineering, GKD knows the processes, systems, and products of virtually all manufacturers of fiberglass mats. On this basis, the global market leader for technical weave for industry and architecture has established a trusting relationship over many years, which it combines with decades of proven competence in the field of synthetic



process belts. In the challenging field of nonwovens production in particular, synthetic belts from GKD are considered a guarantee of efficiency and product quality. The new impregnation belts from GKD for fiberglass mat production made of process-specific modified linear screen – also known as plain weave – are characterized by pore sizes and air permeability tailored exactly to the respective application and by a stable edge structure for accurate edge detection. Thanks to special process-dependent thermal finishing, their mesh design impresses with excellent running properties. What's more, the smooth surface ensures easy and gentle product release.

Available in all common widths for fiberglass mat systems with production speeds of up to 450 meters/minute, they are an attractive alternative to conventional belts. As GKD has known the processes, systems, and products of most manufacturers for years and is able to ensure short delivery times on the core market in the USA thanks to its subsidiary GKD USA, fiberglass mat producers around the world now have an attractive option: obtaining the success-critical process belts for impregnation and drying from a single source with years of experience.

2.946 characters incl. spaces

GKD Group

As a privately owned technical weaver, the GKD Group is the world market leader in metal, synthetic and spiral mesh solutions. Four independent business divisions bundle their expertise under one roof: Industrial Mesh (woven metal mesh and filter solutions), Process Belts (belts made of mesh and spirals), Architectural meshes (façades, safety and interior design made of metal fabrics) and Mediamesh® (Transparent media façades). With its headquarter in Germany and five other facilities in the US, South Africa,



China, India and Chile – as well as its branches in France, Spain, Dubai and worldwide representatives, GKD is close to markets anywhere in the world.

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