



WORLD WIDE WEAVE

Award-winning:

AFS New Product Award for Volumetric Weave

Volumetric Weave by GKD – GEBR. KUFFERATH AG has been acknowledged as one of 2013's leading innovative product developments by the renowned American Filtration & Separation Society (AFS). GKD received the prestigious AFS New Product Award in the category Filter Media at the recent Oil & Gas and Chemical Processing Conference in Houston, Texas. The novel filter mesh convinced the jury though its outstandingly high volume porosity, which minimises pressure drop during the filtration process while at the same time optimising particle retention.

The AFS Award is yet another confirmation of the success of Volumetric Weave. This technical woven wire mesh by GKD has already proven its worth in countless applications. Special weaving techniques make it possible, while maintaining the same wire diameter, to achieve up to 70% more volume porosity in comparison to conventional square meshes. At the same time, the particle retention rate is significantly higher. The asymmetrically arranged pores, which vary widely in size, give Volumetric Weave much broader particle separation efficiency, which increases the total effectiveness of the filtration process and can be custom configured to the specific field of application. GKD's special technical mesh thus combines the properties of filter fleece and previous standard mesh types. Pressure drop reduction of up to 60 percent and defined separation efficiency give this award-winning mesh type an enormous advantage, for example, in the filtration of hot gases or liquids.



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GKD – WORLD WIDE WEAVE

As a privately owned technical weaver, GKD - Gebr. Kufferath AG 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.

For more information:
GKD – GEBR. KUFFERATH AG
Metallweberstraße 46
D-52353 Düren
Tel.: +49 (0) 2421 / 803-0
Fax: +49 (0) 2421 / 803-233
E-Mail: industrialmesh@gkd.de
www.gkd.de

Please send a reprint to:
impetus.PR
Ursula Herrling-Tusch
Charlottenburger Allee 27-29
D-52068 Aachen
Tel.: +49 (0) 241 / 189 25-10
Fax: +49 (0) 241 / 189 25-29
E-Mail: herrling-tusch@impetus-pr.de