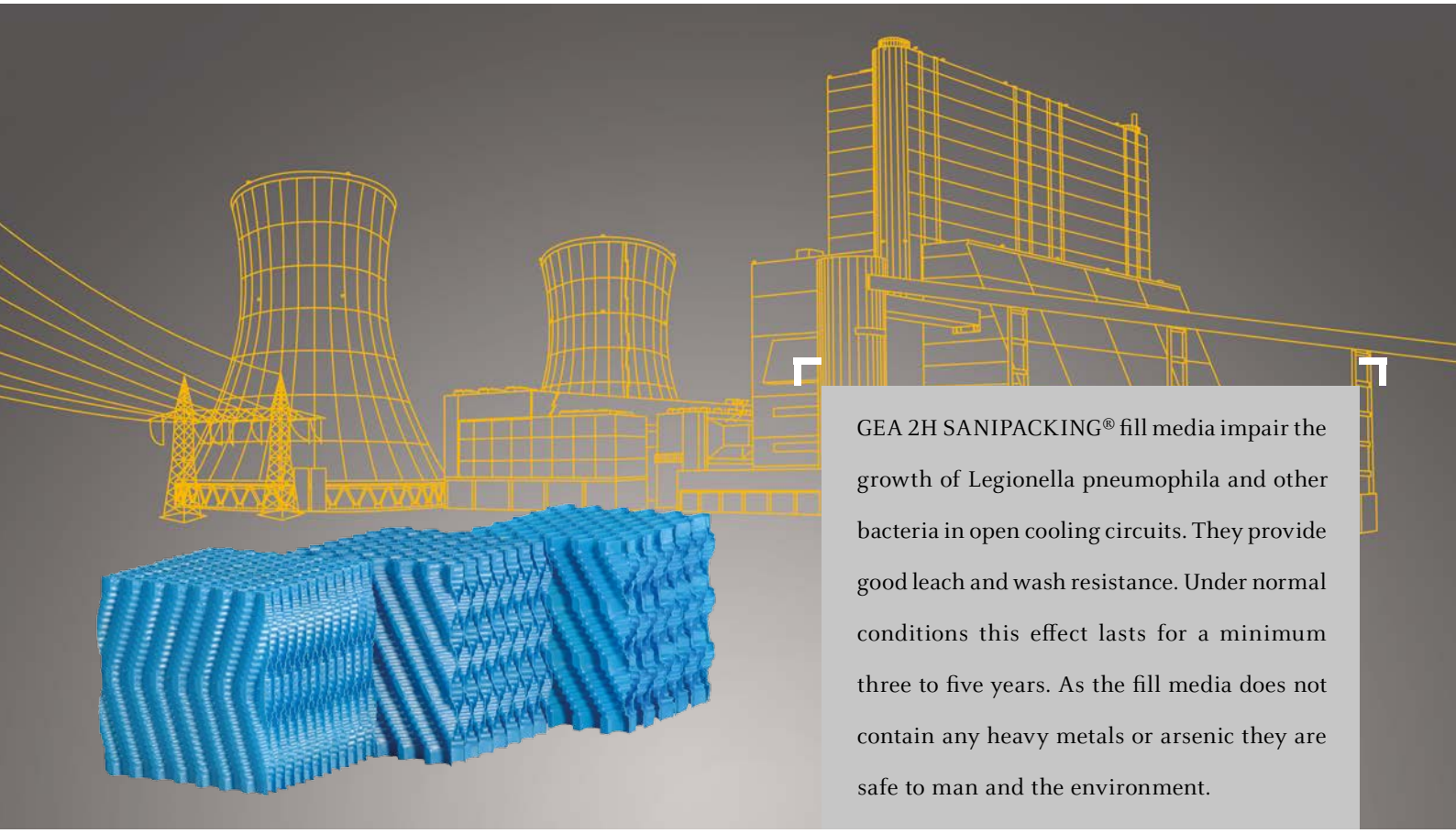
GEA 2H SANIPACKING® Fills with HX-Factor

Anti-Legionella Fills for Cooling Towers



GEA 2H SANIPACKING® fill media impair the growth of Legionella pneumophila and other bacteria in open cooling circuits. They provide good leach and wash resistance. Under normal conditions this effect lasts for a minimum three to five years. As the fill media does not contain any heavy metals or arsenic they are safe to man and the environment.

GEA 2H SANIPACKING® fill media are made of a special anti-bacterial Polypropylene (PP) compound. The biocide impregnated compound disrupts the metabolic process of unwanted micro-organisms at the cell wall level, thus interrupting their ability to function, grow and reproduce on the SANIPACKING®.

Combined with regular maintenance and correct water treatment in the cooling circuit to prevent the formation of deposits and bacterial growth, GEA 2H SANIPACKING® fills serve to minimize the risk of infections from legionella diseases.

Our products have got the HX-Factor. It is our promise and stands for our unique competence in water and waste water treatment and in heat exchange (**HX** = **H**EAT E**X**CHANGE).

HX-Factors of our SANIPACKING® Fills

- Prevents growth of Legionella pneumophila and other bacteria
- Durable
- Superior performance in heat exchange
- High temperature resistance (PP)
- High separation efficiency
- No brittleness or sharp edges
- High stability
- Economical installation

GEA 2H SANIPACKING® Fills

Technical Data	
	PP
Max. length	2400 mm
Max. width	600 mm
Max. Height	300 or 600 mm
Continuous operation temperature*	80 °C
Max. application temp. (short term)*	90 °C

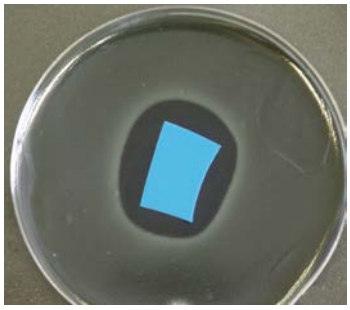
*Depending on recipe/additives higher temperatures can be reached by HT-additives.

Maximum tolerances: On all dimensions +/- 20 mm or 2 %, whichever ist greater. Tighter tolerances by prior agreement.

Types

Type	Material	Specific surface area m^2/m^3	Corrugation height mm
KFP-SP 312	PP	240	12
KFP-SP 319	PP	150	19
KFP-SP 327	PP	125	27

PP-material: Impact-resistant, environmentally friendly. Resistant to rot, fungi and most dissolved chemicals, UV-stabilized.



GEA 2H SANIPACKING® in petri dish (Agar diffusion method, petri dish with Legionella pneumophila ATCC33152)

GEA 2H SANIPACKING® demonstrates its effectiveness. On the plastic surface itself and in the area around the sample there is no growth of Legionella pneumophila.

This information has been put together with greatest care. However, any performance data given in this leaflet is subject to compliance with certain surrounding conditions and hence may vary from case to case. Further, we reserve the right to make changes at any time without notice. We strongly recommend (i) reconfirmation with GEA 2H whether this information is still fully valid, before using it for final designs and (ii) to verify performance data taking into account the actual surrounding conditions. GEA 2H takes no responsibility for any consequences due to non-compliance with these recommendations.

Management System ISO 9001:2008 TÜVRheinland ZERTIFIZIERT www.tuv.com ID 9105070210

GEA 2H Water Technologies, Germany, is ISO 9001:2008 certified.

GEA Heat Exchangers

GEA 2H Water Technologies GmbH

Dieselweg 5, 48493 Wettringen, Germany
Phone +49 25 57 / 93 90 0, Fax +49 25 57 / 93 90 49
2h.hx.de@gea.com, www.gea-2h.com

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