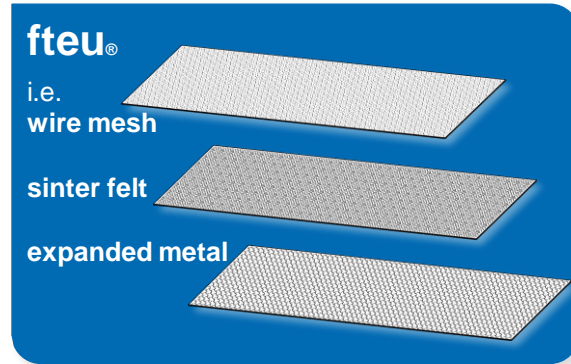


filtertechnik.Europe Hydrogen Solutions

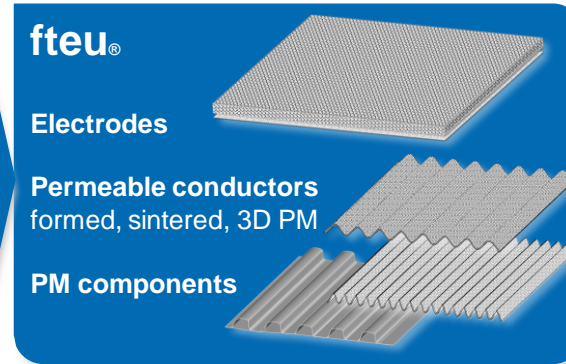
Permeable Metal (PM) Components for Electrolyzer Cells (AEL, AEM, PEM, SOEC)

fteu

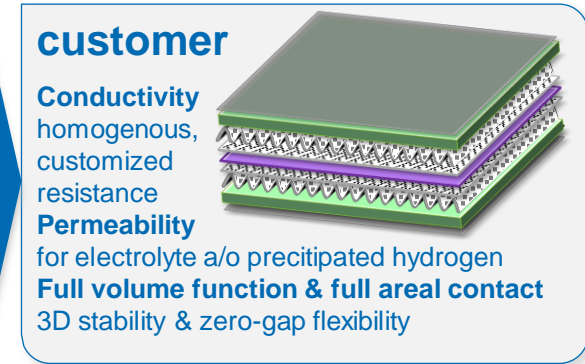
PM structure Engineering & Production



Electrolyzer Component Production



Electrolyzer Assembly & Performance



Electrolyzer Performance with Permeable Metal

17 fteu® nickel, stainless steel a/o coated PM base structures for customer-specific specs

deduced from customer electrolyzer performance parameters (i.e. thickness/depth, porosity, defined size and location of openings, conductive cross section)

fteu® PM production technology for 3D optimized electrolyzer components

for full design freedom as well as volume and material utilization for customer product (sintering, cutting, 3D forming, welding assembly)

Customer performance-oriented quality control from raw material grade to finished electrolyzer components

based on customer requirements, industry norms and fteu® PM function norms exceeding industry standards

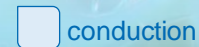
Function in Permeable Metal



flow



filtration



conduction



absorption



handling

filtertechnik.Europe fteu®

your partner for engineering and production from metal raw material to PM customer product – engineering, qualification, production, logistics, service

hydrogen component engineering in Heinsberg, Germany
production in Germany and P.R. China
ISO 9001 IATF 16949 certified

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