

Design for sustainability (DfS) scorecard



With our DfS scorecard, we drive sustainability improvement during the product development process through multiple product sustainability criteria divided into seven impact areas.

IPAK Meta® polishing cartridge for Elix® water



Reengineered cartridge with optimized resin mix, packaging and end-of-life management

Impact areas

Results



MATERIALS

Optimization of resin mix leading to a 17% reduction of the weight of the polishing kit (an IPAK Meta® cartridge being always used with a IPAK Quanta® cartridge) with same performance and lifetime of the cartridges when using Elix® feed water



SUPPLIERS & MANUFACTURING

More than 99% of the product's upstream supply chain and manufacturing are covered by suppliers (Tier 1) who participate in the Together for Sustainability initiative with a valid assessment



PACKAGING

30% packaging weight and 35% packaging volume reduction thanks to new protective insert design
Corrugated box and protective insert with sustainable forestry certification



ENERGY & EMISSIONS

No change compared to baseline product in consideration of our DfS criteria



WATER

No change compared to baseline product in consideration of our DfS criteria



USABILITY & INNOVATION

Easy and quick cartridge replacement thanks to unique patented twist and lock technology



CIRCULAR ECONOMY

Implementation of a drain cap enables to purge about 80% of the water from the polishing cartridge, representing about 45% of the cartridge's total weight prior to disposal

Baseline product: IPAKMETA1 – IPAK Meta® polishing cartridge