



FLEXcell

**the flexible core materials
serving the marine industry**

Maricell 

FLEXcell

HIGH TOUGHNESS AND IMPACT RESISTANCE,
HIGH-PERFORMING LIGHTNESS
IDEAL FOR HIGH SPEED MARINE HULLS



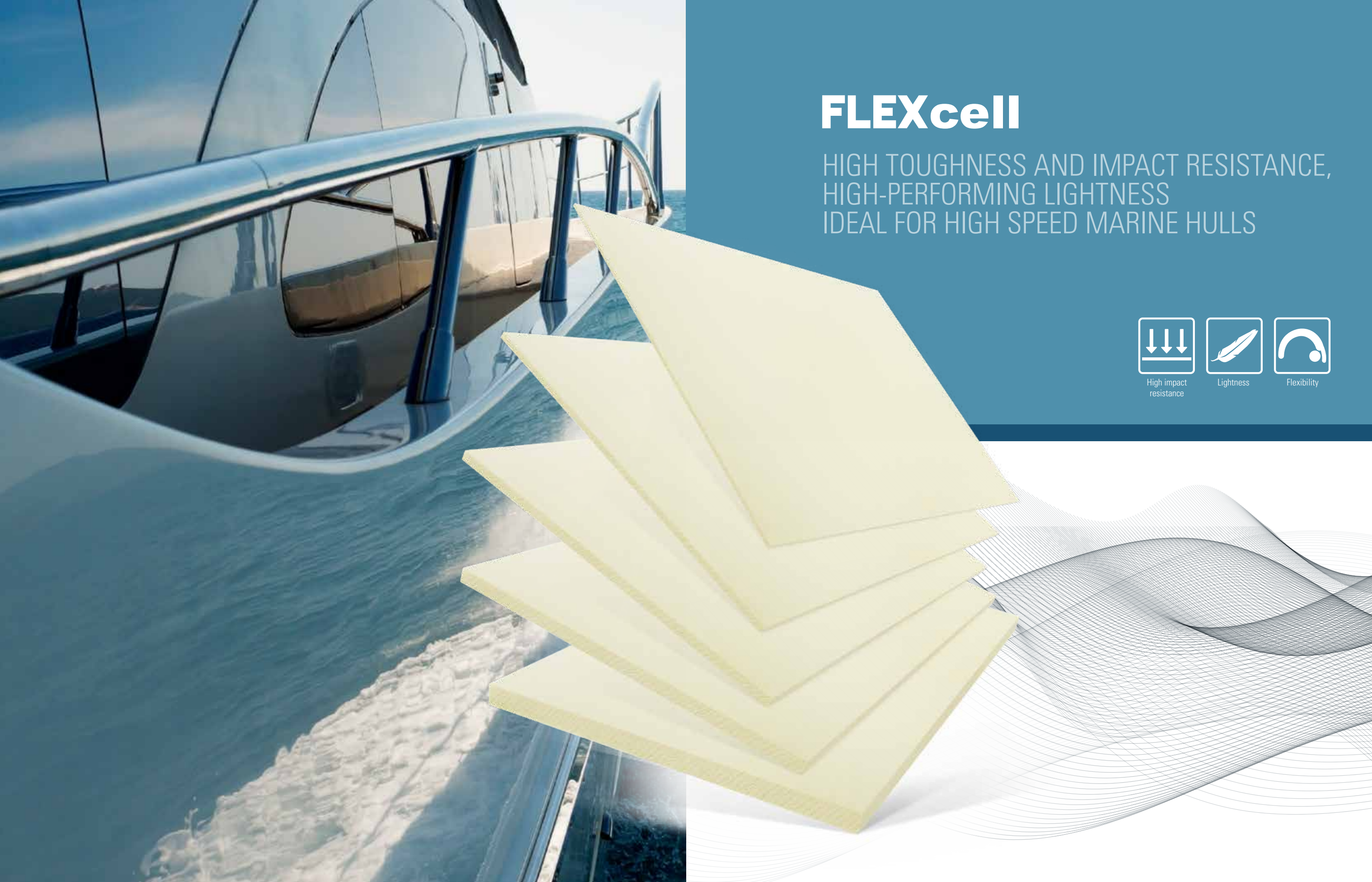
High impact
resistance



Lightness



Flexibility



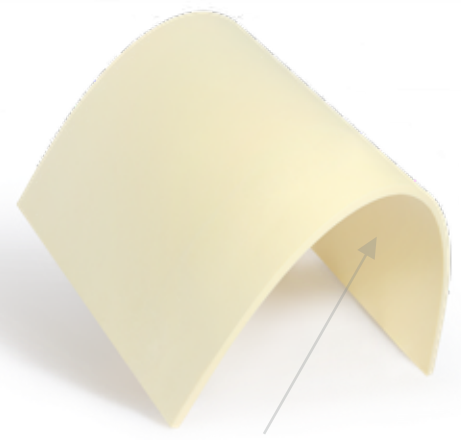
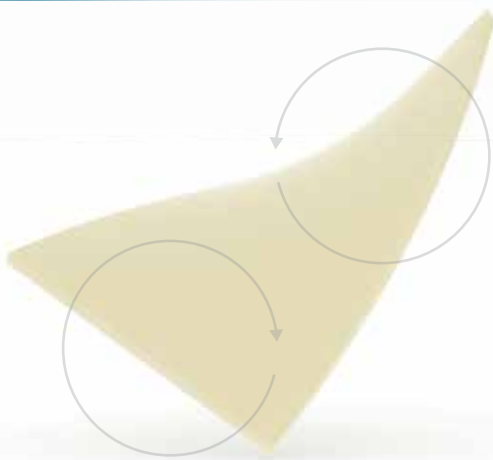


FLEXIBLE, LIGHT AND TOUGH

Flexcell core material combines excellent shear elongation and outstanding thermoforming characteristics resulting in high performing and highly reliable product: flexible, light, tough and capable of absorbing high dynamic impacts and slamming loads.

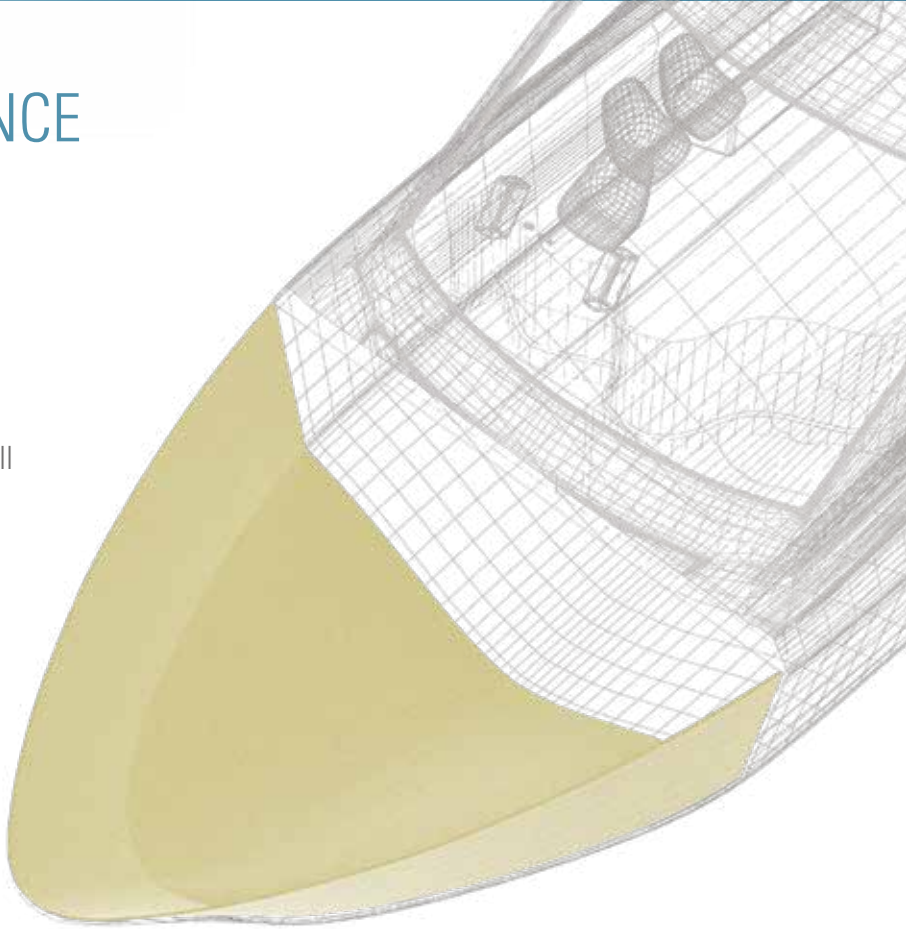
HIGH-PERFORMANCE CORE MATERIALS

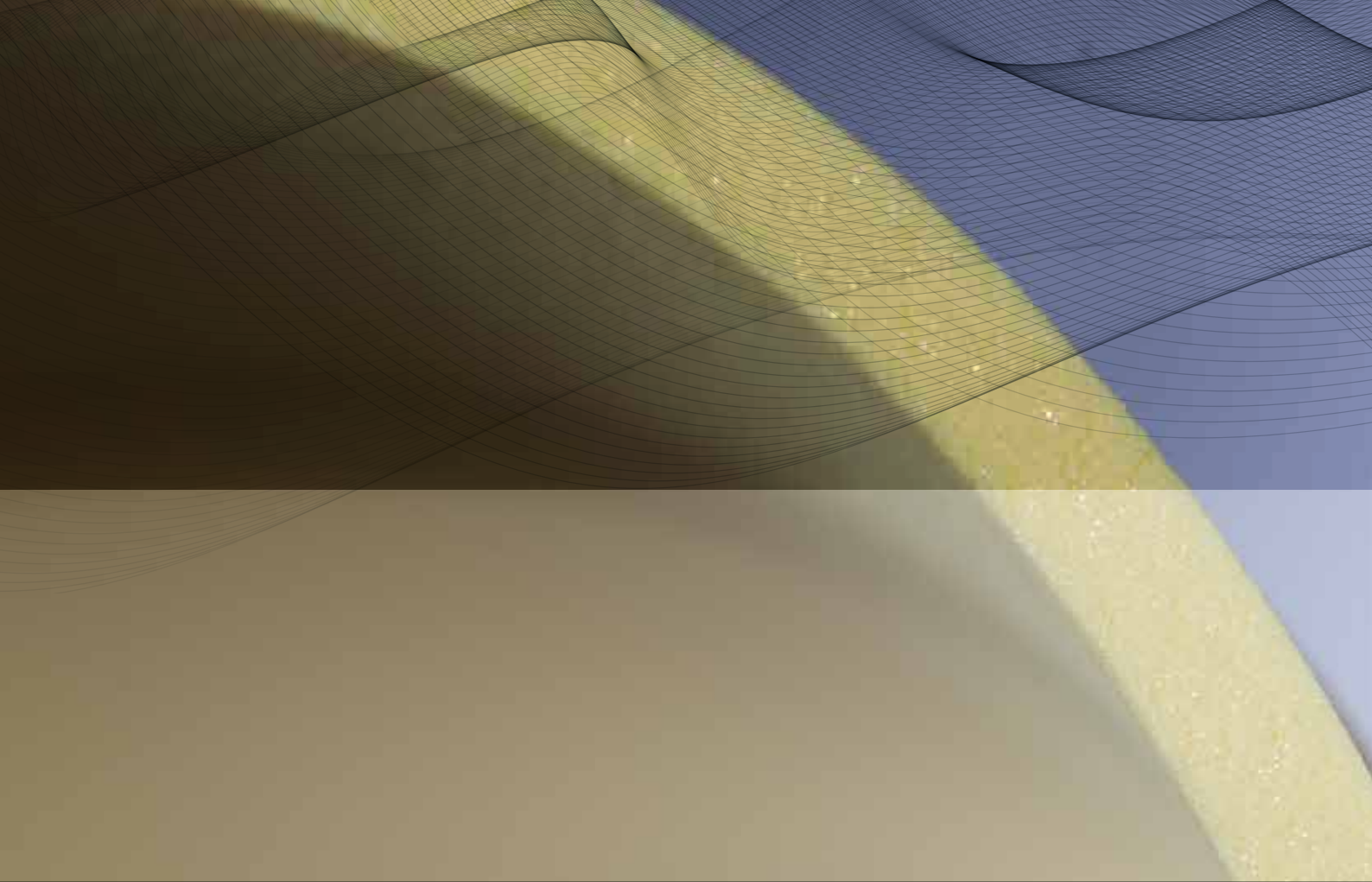
Flexcell, is high-performance PVC foam sandwich core material. It is a closed cell, cross-linked polymer foam which contains no CFC.



EXCEPTIONAL RESISTANCE

Outstanding compressive strength and low resin absorption result in a lightweight yet sturdy material, ideal for marine industry applications. Specially formulated to provide high physical properties and maximum performance, Flexcell is suitable for numerous areas of application. Maricell Technical Office is available to accompany you towards a specific solution.





CHARACTERISTICS

- EXCELLENT SHEAR ELONGATION
- EXCELLENT IMPACT RESISTANCE (RESILIENCE)
- EXCELLENT THERMOFORMING CHARACTERISTICS (BOTH LOW AND HIGH TEMPERATURES)
- HIGH COMPRESSIVE PROPERTIES
- LOW RESIN ABSORPTION
- COMPATIBLE WITH RESINS USED IN MARINE INDUSTRY

Flexcel features are in line with high mechanical performance of Mycell M60 e M80.

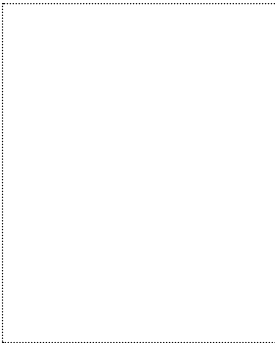
FLEXCELL SERIE F



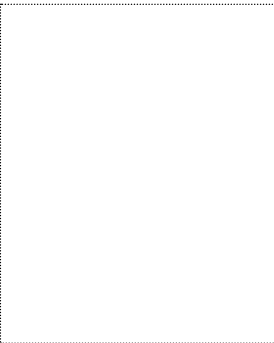
Flexcell F60
60 kg/m³



Flexcell F80
80 kg/m³

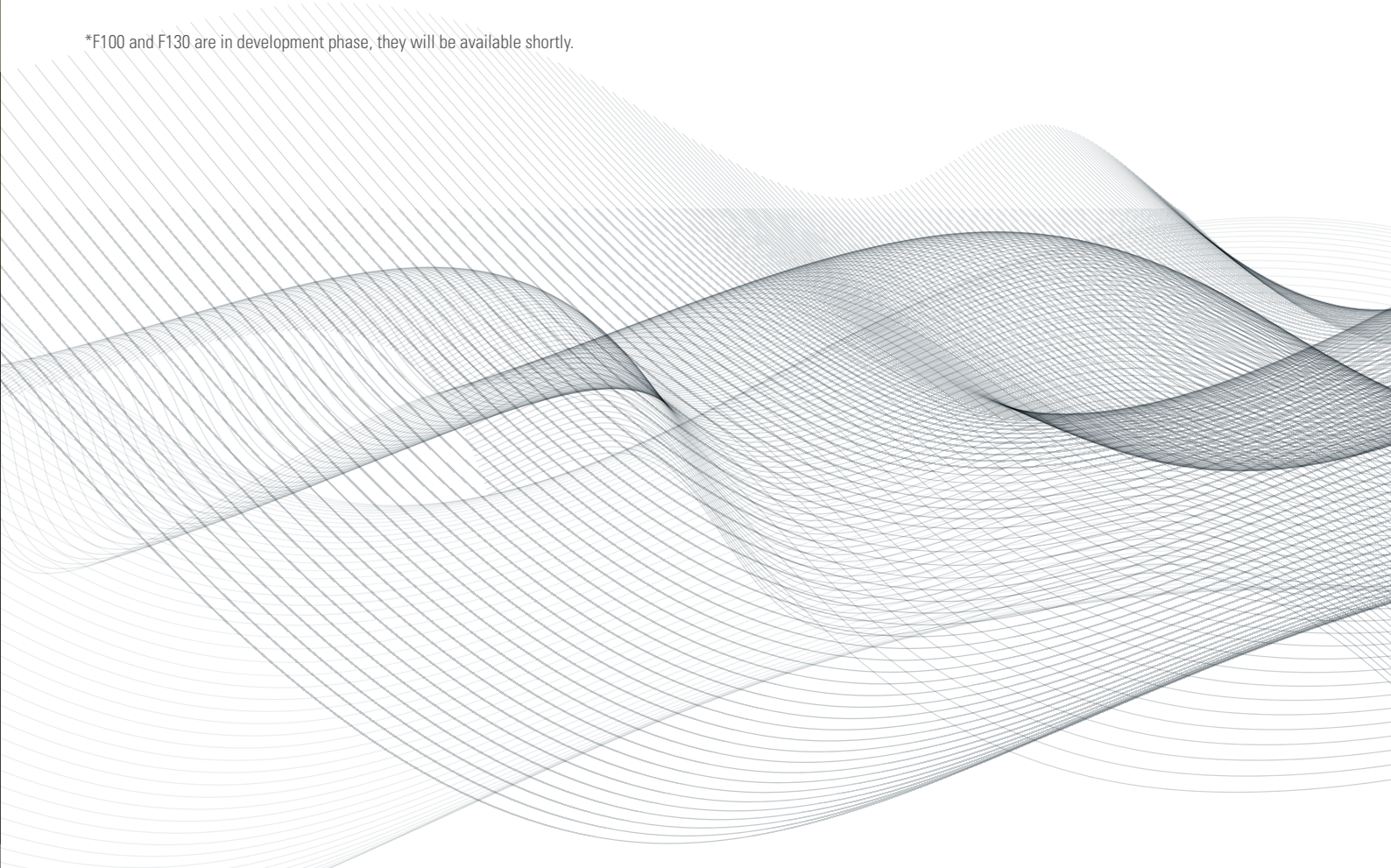


Flexcell F100*
100 kg/m³



Flexcell F130*
130 kg/m³

*F100 and F130 are in development phase, they will be available shortly.



Maricell®

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