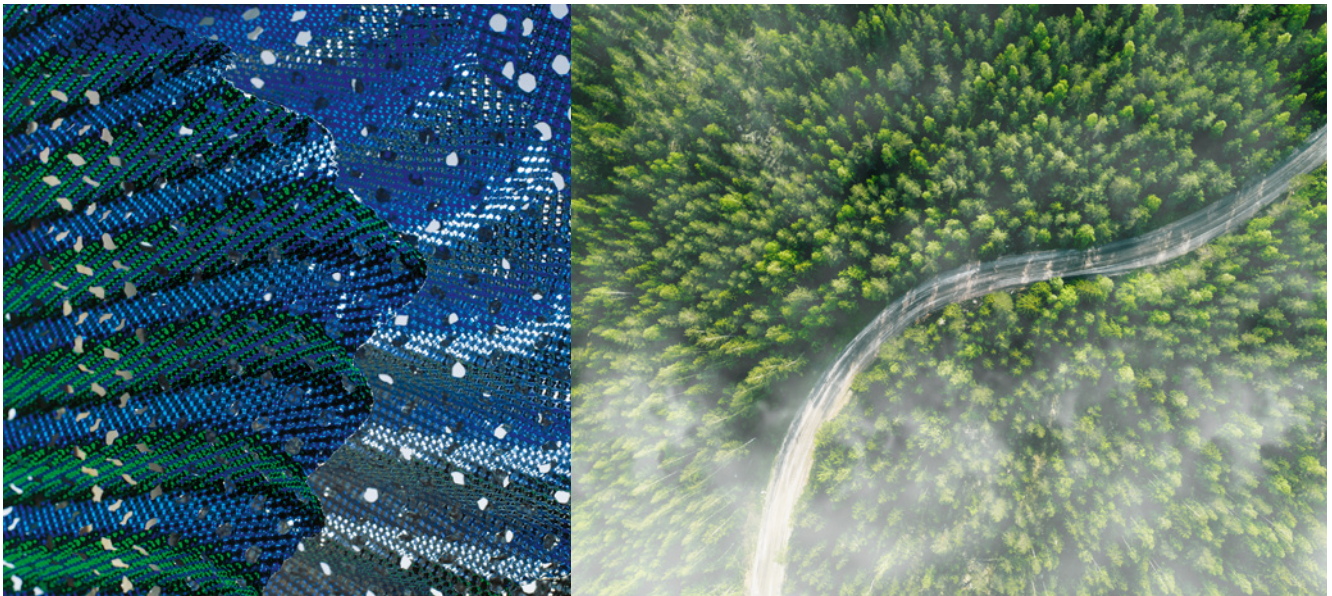


Mellapak™ CC

The structured packing family for carbon capture

Leading packing type for CO₂ absorption from atmospheric to high pressure applications

With deep understanding of the fundamentals of mass transfer and reaction kinetics in CO₂ chemisorption, Sulzer has developed the Mellapak™ CC structured packing family to address various challenges faced in carbon capture applications, whether the CO₂ source is a post-combustion flue gas at atmospheric pressure or a process stream at high pressure.



The SulzerPlus

- Optimum separation performance at the lowest possible pressure drop.
- Reduce pressure drop in CO₂ absorber up to 60% as compared to conventional structured packing.
- Significant savings on both CAPEX and OPEX.

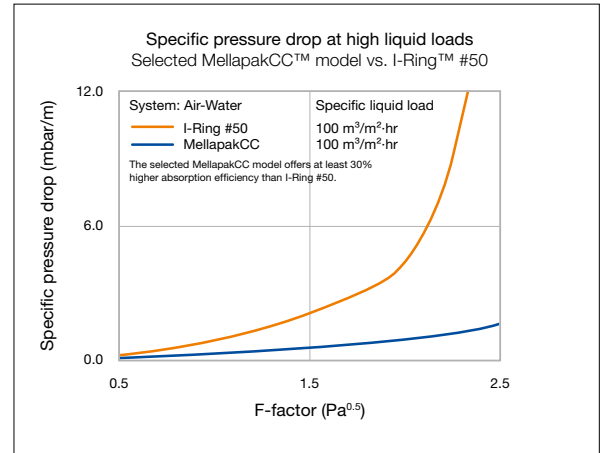
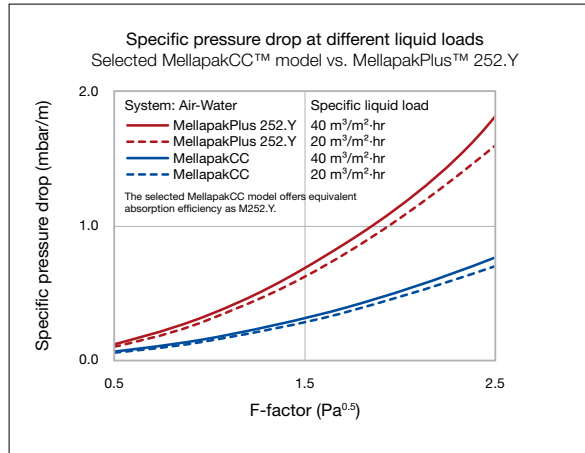


Post-combustion carbon capture

The MellapakCC packing family offers significantly lower pressure drop while maintaining or improving absorption efficiency, compared to conventional packing types commonly used in post-combustion carbon capture.

High pressure carbon capture

In CO₂ absorbers operating at high pressure (e.g. in fertilizer plant), MellapakCC offers phenomenal improvement in both efficiency and capacity compared to commonly used random packings.



Contact your nearest Sulzer representatives to discover the benefits MellapakCC can bring for your plant.

How can we help you?
Contact us today to find your best solution.

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