

FINISHING OPTIONS OVERVIEW

AIREX® PET FOAMS | EMEA

issue 01.2026, replaces 11.2025

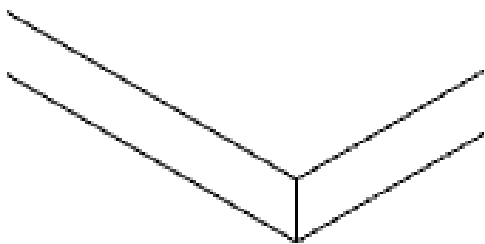
AIREX® structural foam core material

- / AIREX® SealX (SX)
- / FlexiCut (FC)
- / ContourKore SealX (CK SX and CK SX + P)
- / ContourKore with scrim cloth (CK)
- / Grooved (G)
- / Perforated (P20 / P40)
- / Aligned grooved and perforated (G20 / P20)
- / Aligned grooved and perforated (G20 / P40)
- / Micro-sandwich (M)
- / Precision Thickness (PT)

Rating of Finishing Options regarding specific requirements

most suitable ●●● suitable ●● ok ●

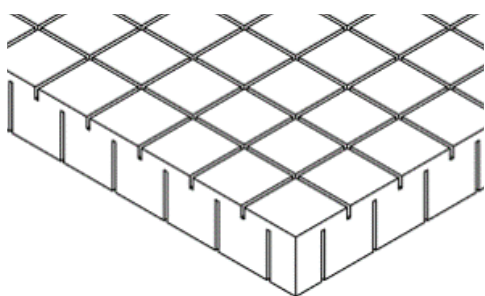
AIREX® SealX surface treatment (SX)



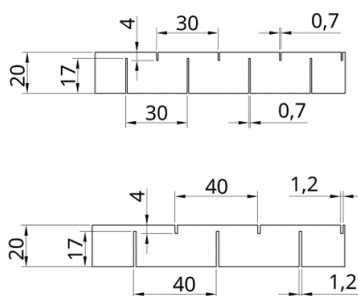
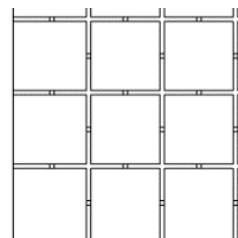
- / surface sealing for AIREX® T90 and T92
- / considerable reduction of resin uptake in infusion processes
- / min. thickness 10 mm (density 100 - 230 kg/m³) and 15 mm (density < 100 kg/m³)

Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
SX	...		

FlexiCut (FC)

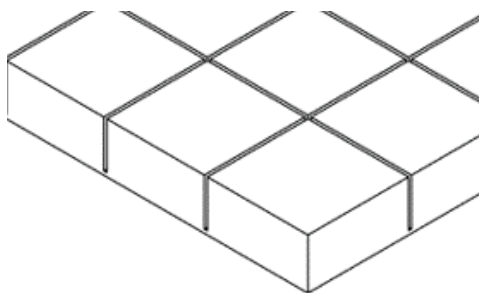


- / 30 x 30 mm cross-grooves 0.7 mm both sides (up to thickness 35 mm and 110 kg/m³)
- / 40 x 40 mm cross-grooves 1.2 mm both sides (up to thickness 50 mm and 150 kg/m³)
- / kerf depth 85% / 20% of thickness

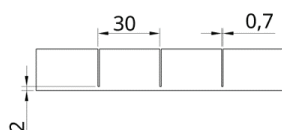
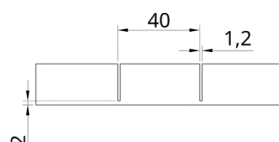
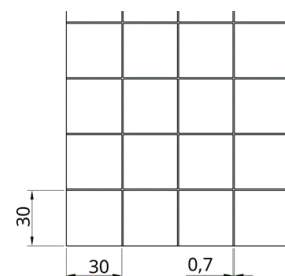
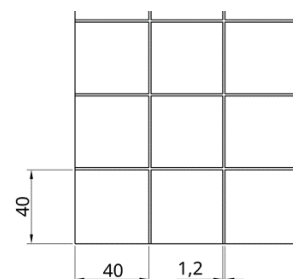


Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
FC	..	..	...

ContourKore SealX (CK SX and CK SX + P)

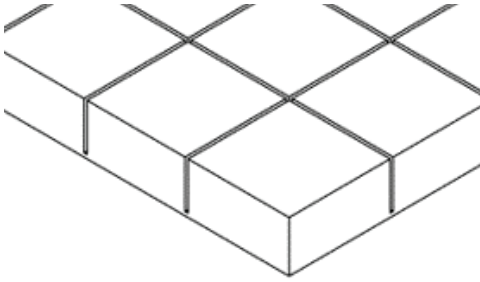


- / 30 x 30 mm pattern with 0.7 mm kerf width (max. density 110 kg/m³, max. thickness 30 mm)
- / 40 x 40 mm pattern with 1.2 mm kerf width (max. density 200 kg/m³, max. thickness 40 mm)
- / SealX surface treatment on both sides. May be combined with P20/P40 perforation pattern of 3.0 mm per request
- / no scrim cloth, cut almost fully through (rest thickness 1.5 mm +/- 0.5 mm)

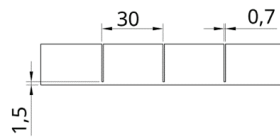
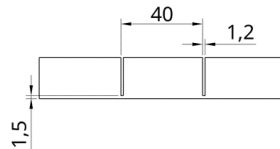
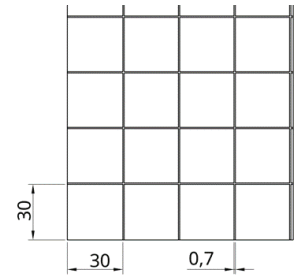
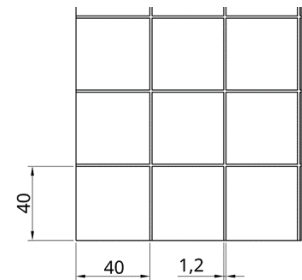


Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
CK SX	...	..	...

ContourKore with scrim cloth (CK)

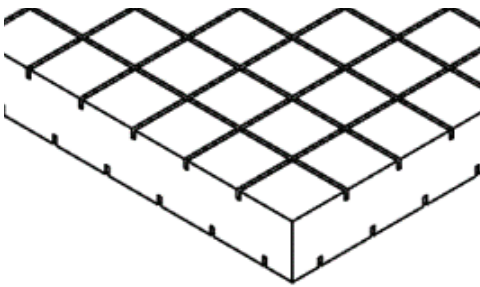


- / 30 x 30 mm pattern with 0.7 mm kerf width
(max. density 110 kg/m³, max. thickness 30 mm)
- / 40 x 40 mm pattern with 1.2 mm kerf width
(any density, max. thickness 40 mm)
- / cutting down almost to cloth
(rest thickness 1.5 mm +/- 0.5 mm)

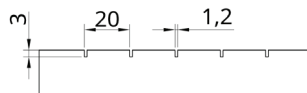
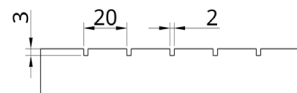
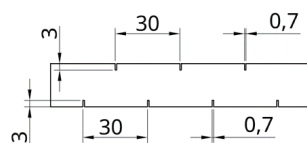
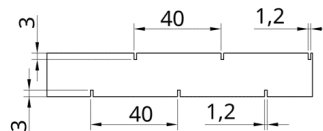


	Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
CK	...	...	..	...

Grooved (G)



- / parallel or crosswise grooves
- / one or both sides
- / groove depth approx. 3.0 mm
- / max. 100 mm thickness



G20

- / 20 x 20 mm one side grooving pattern with 1.2 mm kerf width

G20

- / 20 x 20 mm one side grooving pattern with 2.0 mm kerf width

G30

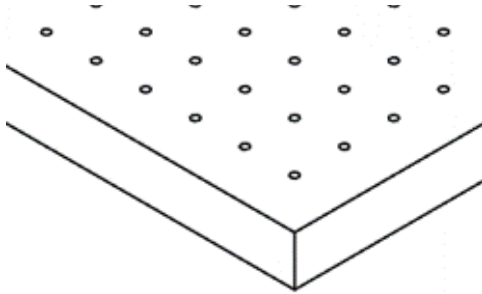
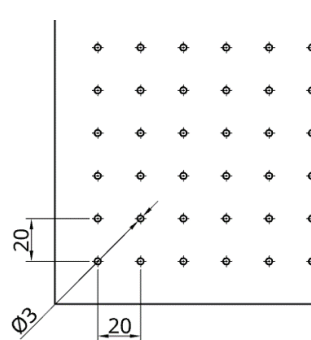
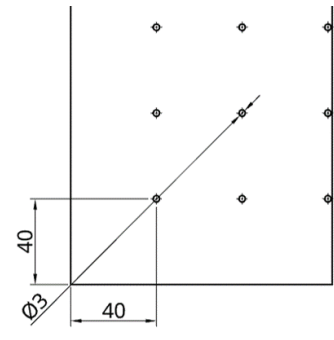
- / 30 x 30 mm one or both sides grooving pattern with 0.7 mm kerf width

G40

- / 40 x 40 mm one or both sides grooving pattern with 1.2 mm kerf width

	Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
G	...	...	..	..

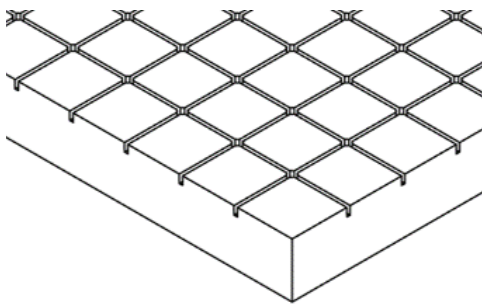
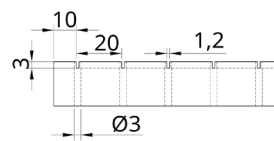
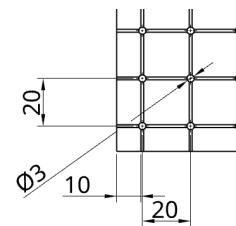
Perforated (P20 / P40)



- / P20 or P40 perforation patterns
- / holes of 3.0 mm diameter
- / max. 50 mm thickness, max. density 230 kg/m³

	Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
P		...	..	...

Aligned grooved and perforated (G20 P20)

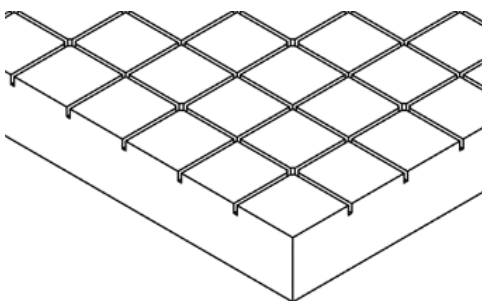
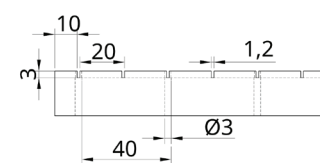
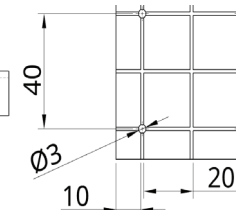


Aligned GP20

- / cross grooves on one side, min. distance of 10 mm to first groove
- / holes of 3.0 mm diameter in intersections
- / max. 50 mm thickness

	Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
GP20		...	..	...

Aligned grooved and perforated (G20 P40)



Aligned G20 P40

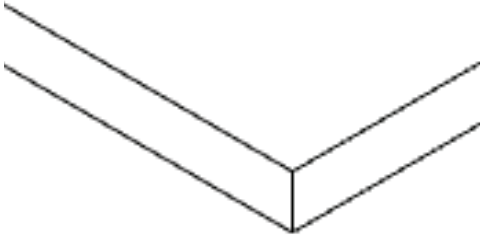
- / cross grooves on one side, min. distance of 10 mm to first groove
- / holes of 3.0 mm diameter in every second intersection
- / max. 50 mm thickness

	Sheet flexibility	Resin uptake	Promotes resin flow in infusion	Laminate surface quality
G20 P40		...	..	...

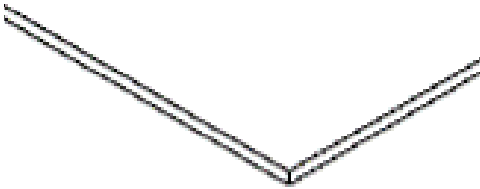
Notes: - Limitations of availability may apply for specific products, densities or thicknesses.

- Values are in nominal format. Please reach out to us for detailed tolerances, available and alternative options.

SealX surface treatment

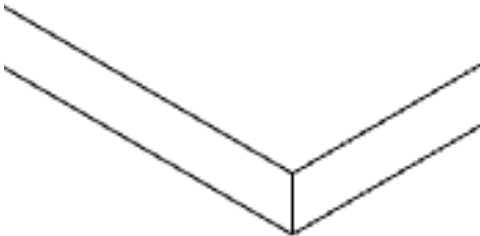


Micro-sandwich (M)



- / superior surface quality
- / lower resin uptake
- / precision thickness range up to ± 0.15 mm
- / thicknesses from 2 mm

Precision Thickness (PT)



- / improved thickness tolerance for non-SealX sheet:
- / PT02: ± 0.3 mm (0.6 mm range)