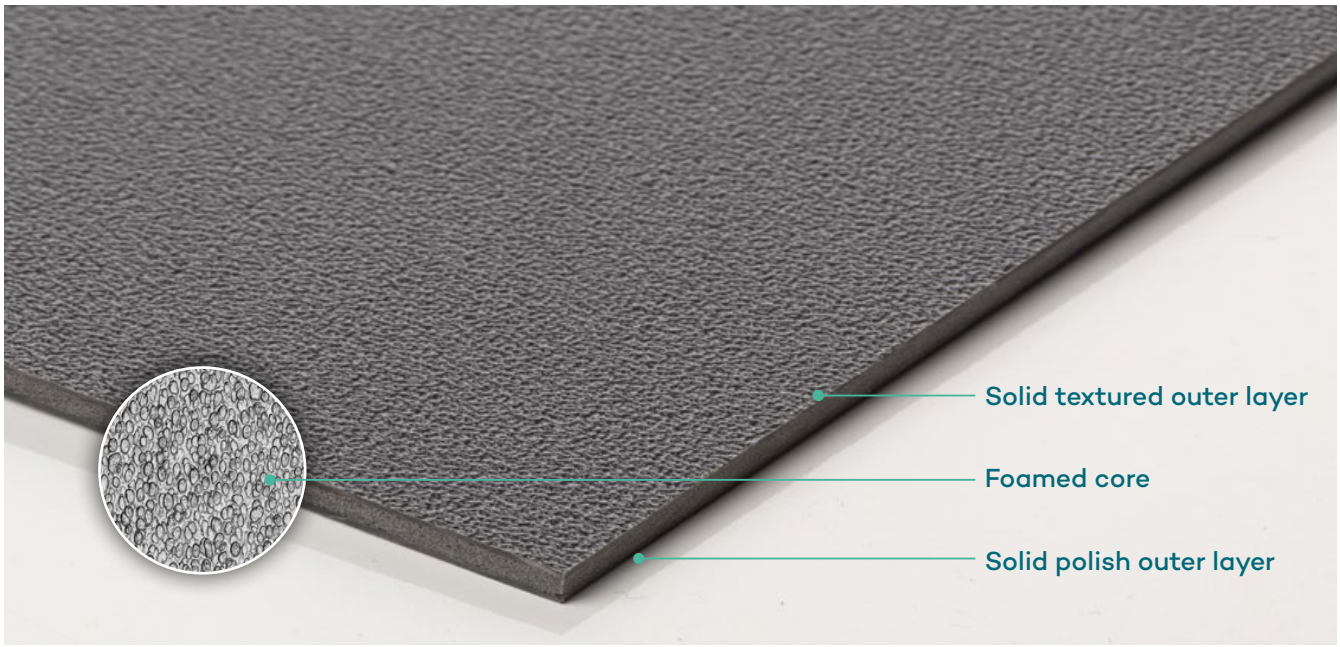
POLYVANTIS

LIGHTWEIGHT OSU & FST COMPLIANT

WITH NEW LEXAN™ LITE SHEET



POLYVANTIS proudly introduces a new platform of **ultra-lightweight foamed LEXAN™ LITE polycarbonate (PC) sheets**, engineered to meet stringent FST and OSU requirements. Produced in our world-class Center of Excellence in Olgiate Italy, designed for the aeronautical industry.

BENEFITS

FIRE PERFORMANCE
- OSU 55/55, CS 25.853
- FST, FAR 25.853
- Including toxicity

LIGHTWEIGHT
Available density range:
1.35 to 0.80 kg/dm3

UNIQUE SOLUTION
- Foamed core layer
- Solid skin layers
- Tunable structure

PROCESSING
- Vacuum forming
- Pressure forming

SUSTAINABLE
Lower carbon footprint
Recyclable

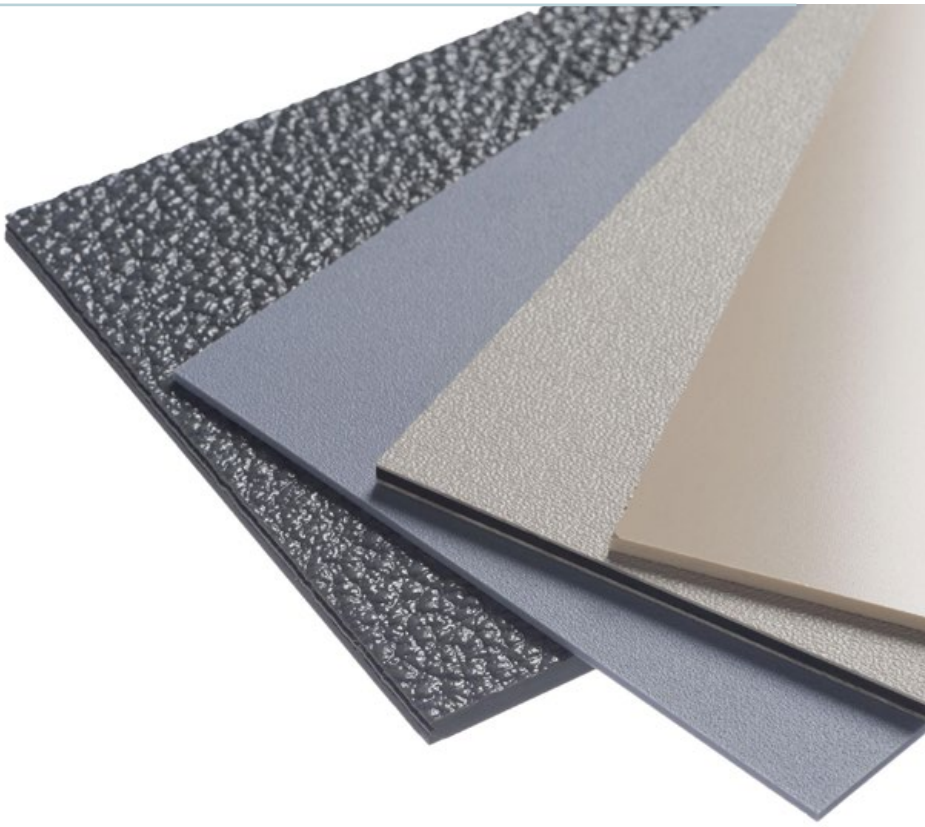
MORE INFORMATION?

Please connect with our foam expert by scanning the QR code

LEXAN™ SHEET

This innovative material is ideal for lightweight components across a wide range of interior applications, including:

- Seatings
- Tray tables
- Cladding
- Floor & roof panels
- Window frames
- Personal service units
- Dashboards



PRODUCT PORTFOLIO

Grade name	Gauche(s)	Density	Heat Deflection Temperature (HDT)	Key features
LEXAN™ F8LITE sheet	1.5 - 5 mm (0.059"-0.197")	Down to 0.8 kg/dm³	140°C	• OSU 55/55 compliant • FST compliant (incl. toxicity) • Foamed, lighter weight
LEXAN™ F6LITE sheet	1.5 - 5 mm (0.059"-0.197")	Down to 0.5 kg/dm³	125°C	• FST compliance (incl. toxicity) • Foamed, lighter weight

POLYVANTIS

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