

## Provisional data sheet for FOREX<sup>®</sup>lite

FOREX<sup>®</sup>lite is a substrate sheet dedicated to modern printing technologies. The distinguishing feature of FOREX<sup>®</sup>lite sheets are the bright-white, uniform surfaces.

### Product characteristics

			3 mm	5 mm	10 mm
Apparent density (nominal)	DIN EN ISO 1183-1	kg/m <sup>3</sup>	440	430	410
Tensile strength	DIN EN ISO 527-1/2	MPa	9	8	7
E-Modulus (in tension)	DIN EN ISO 527-1/2	MPa	650	550	400
Flexural strength	EN ISO 178	MPa	18	17	16
E-Modulus (in flexure)	EN ISO 178	MPa	900	750	600
Surface hardness	DIN 53 505	Shore D	32	32	32
Max. service temperature		° C	55		
Coefficient of linear expansion	DIN EN ISO 75-2	mm/(m·K)	0,07		
Behaviour in fire	EN 13501-1	3 – 10 mm	testing under way (expectation: C-s3-d0)		

The data given here are standard values for average density material. Slight deviations may occur dependent on sheet thickness and as a result of the process-inherent anisotropy of the material. All information is based on our current state of knowledge. However, no warranty is made for the accuracy of the data or for the results obtained from the use of this information.

### Product specifications

- Standard thicknesses 3, 5, 10 mm
- Colour modern-white
- Protection film on one side
- suitable for interior and exterior applications
- difficult to ignite and self-extinguishing

### Further product information

- **REACH regulation** - FOREX<sup>®</sup>lite sheets fulfil the requirements of the chemicals regulation of the European Union (REACH regulation). In particular, these sheets DO NOT CONTAIN any of the substances appearing on the most current edition of the Candidate List of “Substances of Very High Concern” (SVHC) issued by ECHA.
- **RoHS directive** - FOREX<sup>®</sup>lite sheets fulfil the requirements of the RoHS und WEEE directives of the European Union on the restriction of certain hazardous substances. These sheets DO NOT CONTAIN any of the following substances: Lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) as well as any other phthalates.
- **Material safety data sheet** – Additional product information may be available on request. A separate MSDS describes FOREX<sup>®</sup>lite sheets with regard to safety requirements.



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