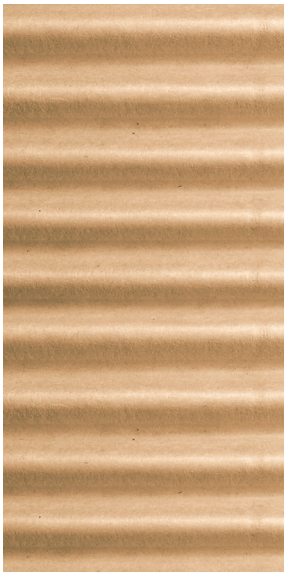
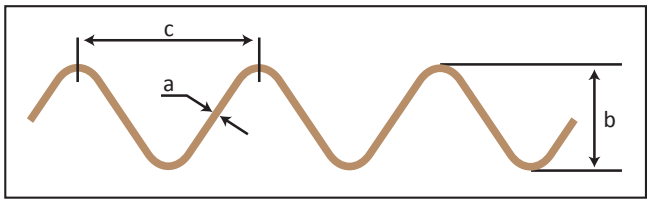
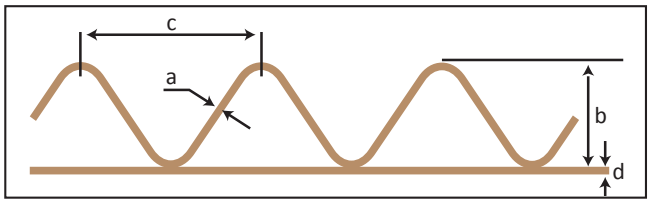
Corrugated board

Symmetric sinusoidal type according to IEC 61628-1



- **Corrugated board is manufactured with natural-coloured presspaper made of 100 % unbleached sulfate cellulose (similar to P.2.1 according to IEC 60641-3-2) with symmetric sinusoidal corrugation.**
- **Corrugated board is primarily used in transformer coils, such as winding or layer insulation, and forms a cooling channel system via the corrugation.**
- **All corrugated boards can also be laminated on one side with a standard web width of 1050 mm with presspaper PSP 3055 0.13 mm thick or with KREMPEL-DPP 0.125 mm (printed on one side with the unprinted side for the corrugated board). This improves the compressive strength and processing capability of the corrugated board. Two corrugated board layers can also be wound with one on top of the other to achieve larger cooling channel cross-section areas. Here it is necessary when winding to ensure that the PSP or DPP layer is always on the outside.**
- **Corrugated board is available either as rolls or blanks.**
- **Corrugated board is available in the following dimensions:**





a) Presspaper thickness: 0.5 mm to 1.5 mm
b) Corrugation height: 4.5 mm, 6.5 mm and 8.0 mm
c) Corrugation length: 10 mm, 15 mm and 19 mm

d) Thickness backing material:
PSP 3055 = 0.13 mm
KREMPEL-DPP = 0.125 mm

Technical data for corrugated board / Measured in accordance with IEC 61628-2								
Type (a) x (b) x (c)	---	0.5 x 4.5 x 10	1.0 x 4.5 x 10	0.5 x 6.5 x 15	1.0 x 6.5 x 15	0.5 x 8.0 x 19	1.0 x 8.0 x 19	1.5 x 8.0 x 19
Presspaper thickness (a)	mm	0.5	1.0	0.5	1.0	0.5	1.0	1.5
Corrugation height (b) Tolerance	mm mm	4.5 -0.5	4.5 -0.5	6.5 -0.5	6.5 -0.5	8.0 -0.5	8.0 -0.5	8.0 -0.5
Corrugation length (c) Tolerance	mm mm	10.0 -1.0	10.0 -1.0	15.0 -1.0	15.0 -1.0	19.0 -1.0	19.0 -1.0	19.0 -1.0
Shape of corrugation	---	Sinus	Sinus	Sinus	Sinus	Sinus	Sinus	Sinus
Max. Roll width*)	approx. mm	2100	1500	2100	2100	2100	2100	1050
Roll length*)	approx. m	30	30	30	30	30	30	20

*) Blanks in widths from 150 mm to 2000 mm are available (width tolerance: -2 mm). Other dimensions available upon request.

KREMPEL GmbH
Telefon +49 7042 915 0 | Fax: +49 7042 915 200
info@krempel-group.com | www.krempel-group.com

All values indicated should be viewed as guideline values. Subject to changes. We do not accept any obligations or liabilities in respect of this information.
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