



uki is one of Europe's largest suppliers of electrical insulation materials and flexible films

UK Insulations
Product Information

Pressboard 3055

Product Types

DESCRIPTION	TYPE AS PER DIN	COLOUR	APPLICATIONS
MACHINE PRESSBOARD	PSP 3010	ORANGE BROWN	STAMPING & SHAPED COMPONENTS, COIL FORMERS, STATOR & ROTO END DISKS, SHIM STAMPING
MACHINE PRESSBOARD SMOOTH ON ONE SIDE	PSP 3011	ORANGE BROWN	STAMPING & SHAPED COMPONENTS, COIL FORMERS, SHIM STAMPING
MACHINE PRESSBOARD SMOOTH ON BOTH SIDES	PSP 3012	ORANGE BROWN	STAMPING & SHAPED COMPONENTS, COIL FORMERS, SHIM STAMPING
HIGH-GRADE PRESSBOARD	PSP 3030	GREYISH BLACK / NATURAL (NON DYED)	INTERLEAVING INSULATION FOR ELECTRICAL MACHINES, SLOT CLOSURES, COIL FORMERS, STAMPINGS, SUPPORT COMPONENTS
HIGH-GRADE PRESSBOARD SMOOTH ON ONE SIDE	PSP 3031	GREYISH BLACK / NATURAL (NON DYED)	INTERLEAVING INSULATION FOR ELECTRICAL MACHINES, SLOT CLOSURES, COIL FORMERS, STAMPINGS, SUPPORT COMPONENTS
HIGH-GRADE PRESSBOARD SMOOTH ON BOTH SIDES	PSP 3032	GREYISH BLACK / NATURAL (NON DYED)	INTERLEAVING INSULATION FOR ELECTRICAL MACHINES, SLOT CLOSURES, COIL FORMERS, STAMPINGS, SUPPORT COMPONENTS
TRANSFORMER PRESSBOARD	PSP 3050	GREYISH BLACK / NATURAL (NON DYED)	INSULATION CONTRUCTION ELEMENTS IN OIL-FILLED TRANSFORMERS, WINDING RINGS, CYLINDERS
TRANSFORMER PRESSBOARD MOULDABLE	PSP 3051	GREYISH BLACK / NATURAL (NON DYED)	INSULATION CONTRUCTION ELEMENTS IN OIL-FILLED TRANSFORMERS, WINDING RINGS, CYLINDERS



Thicknesses

The various types of presspaper reels, pressboard sheets and corrugated board are manufactured in specific standard thicknesses. Intermediate thicknesses are also available on request, however, where sufficient quantities are ordered.

Colours

Other colours are available on request where sufficient quantities are ordered.

Reel widths & formats

The standard widths of the master reels and the standard formats of the master sheets depend upon the respective production plant. We distinguish between the “WK” and “WT” finished versions for presspaper reels and “WK”, “WT” and “WZ” for pressboard sheets.

RPT transformer presspaper in reel form

Dimensions and formats PSP 3055

TYPE	THICK- NESS MM	TOL. ±MM	AREA WEIGHT G/M ²	TOL. ±%	AREA UTILIZATION APPROX M ² /KG	DENSITY G/CM ³	STANDARD WIDTHS MASTER REELS WK VERSION APPROX	STANDARD WIDTHS MASTER REELS WT VERSION APPROX
PSP 3055 0.05	0.05	0.005	60	10	16.7	1.20-1.30	1240	-
PSP 3055 0.075	0.075	0.007	90	10	11.1	1.20-1.30	1240	-
PSP 3055 0.10	0.10	0.01	125	10	8.0	1.20-1.30	1240	2000 OR 1000
PSP3055 0.13	0.13	0.01	160	10	6.3	1.20-1.30	-	2000 OR 1000
PSP3055 0.15	0.15	0.02	185	10	5.4	1.20-1.30	1240	2000 OR 1000
PSP3055 0.18	0.18	0.02	225	10	4.4	1.20-1.30	-	2000 OR 1000
PSP3055 0.20	0.20	0.02	250	10	4.0	1.20-1.30	1240	2000 OR 1000
PSP3055 0.25	0.25	0.02	310	10	3.2	1.20-1.30	1240	2000 OR 1000
PSP3055 0.30	0.30	0.03	375	10	2.7	1.20-1.30	1240	2000 OR 1000
PSP3055 0.40	0.40	0.04	500	10	2.0	1.20-1.30	1240	2000 OR 1000
PSP3055 0.50	0.50	0.05	625	10	1.6	1.20-1.30	1240	2000 OR 1000
PSP3055 0.60	0.60	0.05	750	10	1.3	1.20-1.30	1240	1000
PSP3055 0.70	0.70	0.05	875	10	1.1	1.20-1.30	1240	1000
PSP3055 0.80	0.80	0.05	1000	10	1.0	1.20-1.30	1240	1000
PSP3055 0.90	0.90	0.05	1125	10	0.9	1.20-1.30	1240	1000
PSP3055 1.00	1.00	0.07	1250	10	0.8	1.20-1.30	1240	1000



Technical values PSP 3055

TYPE	THICK- NESS MM	Conductivity of the aqueous extract S/cm	Tensile strength longitudinal N/mm ²	Tensile strength transverse N/mm ²	Elongation longitudinal %	Elongation transverse %	Dielectric strength kV/mm	Ash content %	Shrinkage %	Moisture content
PSP3055	0.05	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.075	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.10	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.13	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.15	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.18	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.20	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.25	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 9.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.30	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.40	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.50	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.60	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.70	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.80	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	0.90	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8
PSP3055	1.00	≤ 100	≥ 70	≥ 50	≥ 6.0	≥ 8.0	≥ 10.5	≤ 2	≤ 1.2	≤ 8

