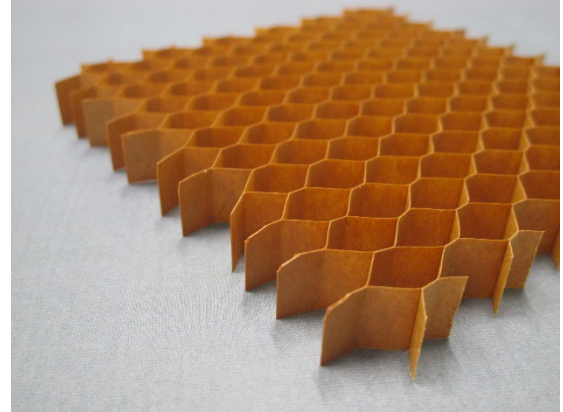


PAPER HONEYCOMB

Description

A paper honeycomb made of high-quality kraft paper is a good solution for core material for general purposes. Our paper honeycomb has a line-up which is a wide range of strengths and can be used for various purposes and conditions. It is also the most economical material among the other types of honeycomb.



Features

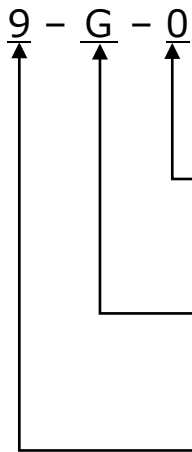
- Low weight, High strength
- Thermal insulation properties
- Resistance to fatigue
- General versatility
- Economy

Applications

- Architecture ,furniture applications
- Railway vehicle applications
- Automotive application
- Other Applications:
Cushioning material, speaker material

Designation

Example



0 shall not be subjected to the processing to the paper.
10 ,20 ,30 represents the degree of resin impregnation

Paper quality

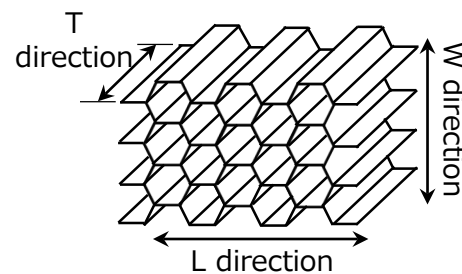
- { G :Kraft paper
- { S :Corrugating paper
- { K :Liner paper

Cell Size (mm)

Standard Dimensions

Cell Size	L direction	W direction	T direction
3,6	24 ±2 inch (600 ±50 mm)	48 ±3 inch (1200 ±76 mm)	※
9,12	36 ±2 inch (920 ±50 mm)	72 ±4 inch (1840 ±100 mm)	※
19,25,38	48 ±2 inch (1220 ±50 mm)	96 ±6 inch (2440 ±150 mm)	※

Dimensional Nomenclature



NOTE: For more information, please contact our Sales Office

Mechanical Properties

designation	Nominal Density (pcf)	Compressive Strength (psi)		Shear Strength (psi)		Shear Modulus (psi)	
		Dried	Wet	L direction	W direction	L direction	W direction
3-G-0	2.6	63.8	17.4	36.2	21.7	3.62	1.30
3-G-10	2.8	92.8	24.6	46.4	29.0	4.20	1.88
3-G-20	3.1	120	31.9	56.5	36.2	5.07	2.46
3-G-30	3.3	142	49.3	71.0	42.0	5.80	3.04
6-G-0	1.3	29.0	4.35	14.5	8.70	1.42	0.71
6-G-10	1.5	42.0	11.6	21.7	11.6	2.90	1.00
6-G-20	1.5	56.5	17.4	26.1	15.9	3.91	1.88
6-G-30	1.6	71.0	21.7	36.2	18.8	6.38	3.04
9-G-0	1.6	44.9	5.80	29.0	20.3	3.77	1.88
9-G-10	1.6	49.3	10.1	33.3	24.6	3.91	2.03
9-G-20	1.8	100	27.5	49.3	34.8	6.52	3.62
9-G-30	1.9	118	40.6	56.5	49.3	8.41	5.22
12-G-0	1	27.5	4.35	20.3	15.9	2.46	1.13
12-G-10	1.1	39.1	4.35	26.1	18.8	4.06	1.88
19-K-0	1.7	63.8	7.25	31.9	23.2	3.62	2.03
19-S-0	1	27.5	2.90	14.5	12.3	1.74	1.00
19-S-10	1	36.2	7.25	37.7	24.6	3.62	1.59
25-K-0	1.4	42.0	5.80	26.1	20.3	2.90	2.03
25-S-0	0.8	15.9	1.45	10.1	7.25	1.34	0.78
25-S-10	0.9	29.0	2.90	17.4	13.0	1.42	1.00
25-S-20	1	30.4	4.35	18.8	15.9	1.88	1.20
38-S-0	0.6	11.6	–	5.80	–	1.00	–

•Standard performance is the average value of the test data that was carried out in compliance with the JIS-A-6931, is not a guaranteed value.

•Grade of bold is standard.

•The grade of the small characters notation is order industrial goods. It should be sale by the minimum lot.

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