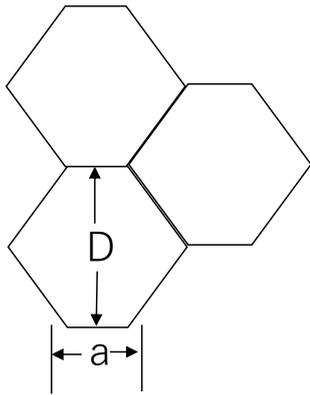


## Aluminum Honeycomb Core Characteristic



D=Diameter of inscribed circle  
a=Side of hexagon

Type	Foil thickness		Dimension			Density	
	(inch)	(mm)	Side of Hexagon (a)mm	cell size(D) mm	cell size(D) inch	(kg/m <sup>3</sup> )	(lb/cu-ft)
XZ41	0.0016	0.04	1	2	1/16	166.92	10.42
XZ51	0.002	0.05	1	2	1/16	208.65	13.03
XZ41-5	0.0024	0.04	1.5	3	1/12	111.28	6.95
XZ51-5	0.0028	0.05	1.5	3	1/12	139.10	8.68
XZ42	0.0016	0.04	2	4	1/8	83.46	5.21
XZ52	0.002	0.05	2	4	1/8	104.33	6.51
XZ62	0.0024	0.06	2	4	1/8	125.19	7.82
XZ72	0.0028	0.07	2	4	1/8	146.06	9.12
XZ82	0.0032	0.08	2	4	1/8	166.92	10.42
XZ43	0.0016	0.04	3	5	3/16	55.64	3.47
XZ53	0.002	0.05	3	5	3/16	69.55	4.34
XZ63	0.0024	0.06	3	5	3/16	83.46	5.21
XZ73	0.0028	0.07	3	5	3/16	97.37	6.08
XZ83	0.0032	0.08	3	5	3/16	111.28	6.95
XZ44	0.0016	0.04	4	7	1/4	41.73	2.61
XZ54	0.002	0.05	4	7	1/4	52.17	3.26
XZ64	0.0024	0.06	4	7	1/4	62.6	3.91
XZ74	0.0028	0.07	4	7	1/4	73.03	4.56
XZ84	0.0032	0.08	4	7	1/4	83.47	5.21
XZ45	0.0016	0.04	5	9	3/8	33.39	2.08
XZ55	0.002	0.05	5	9	3/8	41.73	2.61
XZ65	0.0024	0.06	5	9	3/8	50.08	3.13
XZ75	0.0028	0.07	5	9	3/8	58.43	3.65
XZ85	0.0032	0.08	5	9	3/8	66.77	4.17
XZ46	0.0016	0.04	6	11	7/16	27.82	1.74
XZ56	0.002	0.05	6	11	7/16	34.78	2.17
XZ66	0.0024	0.06	6	11	7/16	41.73	2.61
XZ76	0.0028	0.07	6	11	7/16	48.69	3.04
XZ86	0.0032	0.08	6	11	7/16	55.65	3.47
XZ47	0.0016	0.04	7.5	13	1/2	22.26	1.39
XZ57	0.002	0.05	7.5	13	1/2	27.82	1.74
XZ67	0.0024	0.06	7.5	13	1/2	33.39	2.08
XZ77	0.0028	0.07	7.5	13	1/2	38.95	2.43
XZ87	0.0032	0.08	7.5	13	1/2	44.52	2.78
XZ48	0.0016	0.04	8	15	7/12	20.865	1.30
XZ58	0.002	0.05	8	15	7/12	26.08	1.63
XZ68	0.0024	0.06	8	15	7/12	31.3	1.95
XZ78	0.0028	0.07	8	15	7/12	36.51	2.28
XZ88	0.0032	0.08	8	15	7/12	41.73	2.61
XZ410	0.0016	0.04	10	17	3/4	16.69	1.04
XZ510	0.002	0.05	10	17	3/4	20.87	1.30
XZ610	0.0024	0.06	10	17	3/4	25.04	1.56
XZ710	0.0028	0.07	10	17	3/4	29.21	1.82
XZ810	0.0032	0.08	10	17	3/4	33.39	2.08
XZ412	0.0016	0.04	12	21	13/16	13.91	0.87
XZ512	0.002	0.05	12	21	13/16	17.39	1.09
XZ612	0.0024	0.06	12	21	13/16	20.865	1.30
XZ712	0.0028	0.07	12	21	13/16	24.34	1.52
XZ812	0.0032	0.08	12	21	13/16	27.82	1.74
XZ415	0.0016	0.04	15	25	1	11.13	0.69
XZ515	0.002	0.05	15	25	1	13.91	0.87
XZ615	0.0024	0.06	15	25	1	16.7	1.04
XZ715	0.0028	0.07	15	25	1	19.5	1.22
XZ815	0.0032	0.08	15	25	1	22.26	1.39

### Description:

1. Material alloy 3003H18.

The quality according to the HB5443-90 standard

2. Aluminium Honeycomb supplied the range is as follows

- Expanded or unexpanded.
- Full blocks or cut slices.
- Perforated or unperforated.
- Corrosion treated or untreated.

3. core Height ranger :3~570mm

4. core Max. tension size:

\*-side size 6 and under:L1650×W4000mm

\*-side size 7.5 and above:L1650×W12000mm