



Carbon[®] DLS[™] at Paragon: Materials Feature Sizes Chart

Data provided by Carbon Inc.

Material	CE 221	EPU 41	EPU 43	EPU 45	EPX 82	EPX 86FR	FPU 50	MPU 100	RPU 70	RPU 130	SIL 30	LOCTITE [®] IND405 Clear	LOCTITE [®] IND147
Wall Thickness Unsupported mm	2.5	2.5	Tbc	-	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.5	1.0
Wall Thickness Supported mm	1.0	1.0	Tbc	-	1.5	1.0	1.0	1.0	1.0	1.5	1.5	1.0	1.0
Maximum Overhang mm	3.0	1.0	Tbc	-	2.0	2.0	2.0	3.0	2.0	2.0	1.0	2.0	4.0
Maximum Bridge mm	6.0	1.5	Tbc	-	4.0	4.0	4.0	6.0	4.0	4.0	2.0	4.0	8.0
Unsupported Angle from horizontal	40°	40°	Tbc	-	40°	40°	35°	40°	30°	40°	40°	40°	15°
Hole Size XY mm	1.0	1.5	Tbc	0.8	0.6	0.6	0.5	0.9	0.5	1.0	1.5	1.0	0.3
Hole Size Z mm	0.7	1.0	Tbc	0.8	0.5	0.5	0.5	0.8	0.6	0.8	1.0	1.5	0.4
Positive Features XY mm	0.4	0.75	Tbc	0.8	0.3	0.5	0.5	0.4	0.4	0.3	0.75	0.5	0.3
Positive Features Z mm	0.2	0.3	Tbc	0.8	0.2	0.5	0.2	0.2	0.2	0.3	0.3	0.2	0.6
Engraving Depth/ Embossing Height mm	0.4	0.3	Tbc	-	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.1
Text Size mm	3.0	3.0	Tbc	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0
Clearance Between Mating Parts mm	0.8	0.5	Tbc	-	0.4	0.2	0.5	0.5	0.4	0.5	0.5	0.3	0.2

Tbc = To be confirmed