



## Thruflow™ Impact Specification Chart

Colours Available	Maple	Light Grey	Seafoam
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Base Material		Co-polymer high impact Propylene		
Sizes - ( L x W x H )	inch	11.56 x 35.94 x 1.2	11.58 x 47.90 x 1.2	12.0 x 60 x 1.2
	mm	293.6 x 913 x 30.5	294.1 x 1216.7 x 30	305 x 1524 x 30
Support Span	inch	18	16	15
	mm	457	406	381
Weight	lbs	3.8	4.9	6.5
	Kg	1.7	2.3	2.9
Load Capacity at 0.125" Mid Span Deflection <sup>1</sup>	lb <sub>f</sub>	304.32	309.26	298.77
	kN	1.354	1.376	1.329
Load Capacity - Peak Load <sup>1</sup>	lb <sub>f</sub>	1,396.36	1,651.37	2,074.76
	kN	6.211	7.346	9.229
Concentrated Static Load - Peak Load <sup>1</sup> <i>ASTM E661</i>	lb <sub>f</sub>	784.81	917.90	952.52
	kN	3.491	4.083	4.237
Coefficient of Friction <sup>2</sup> <i>ASTM D2394-83</i>	Static	0.78		
	Kinetic	0.76		
Thermal Expansion <sup>3</sup> <i>ASTM D696-03</i>	1/°F	1.40 x 10 <sup>-5</sup>		
	1/°C	2.52 x 10 <sup>-5</sup>		
Light Availability <sup>4</sup>	Surface	50		
	18" Dock Height	61		
	60" Dock Height	84		
U/V Light Properties		U/V Stabilized by Additive		
Warranty		Lifetime Limited Warranty		

For full test reports please contact ThruFlow Inc.  
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<sup>1</sup> UNB Wood Science and Technology Centre - Report# WSTC2014-044

<sup>2</sup> Cambridge Material Testing Limited - Report# 356155J-04

<sup>3</sup> Cambridge Material Testing Limited - Report# 356155D-04

<sup>4</sup> Cambridge Material Testing Limited - Report# 354661-04