

2" Compliant Wheel Expansion

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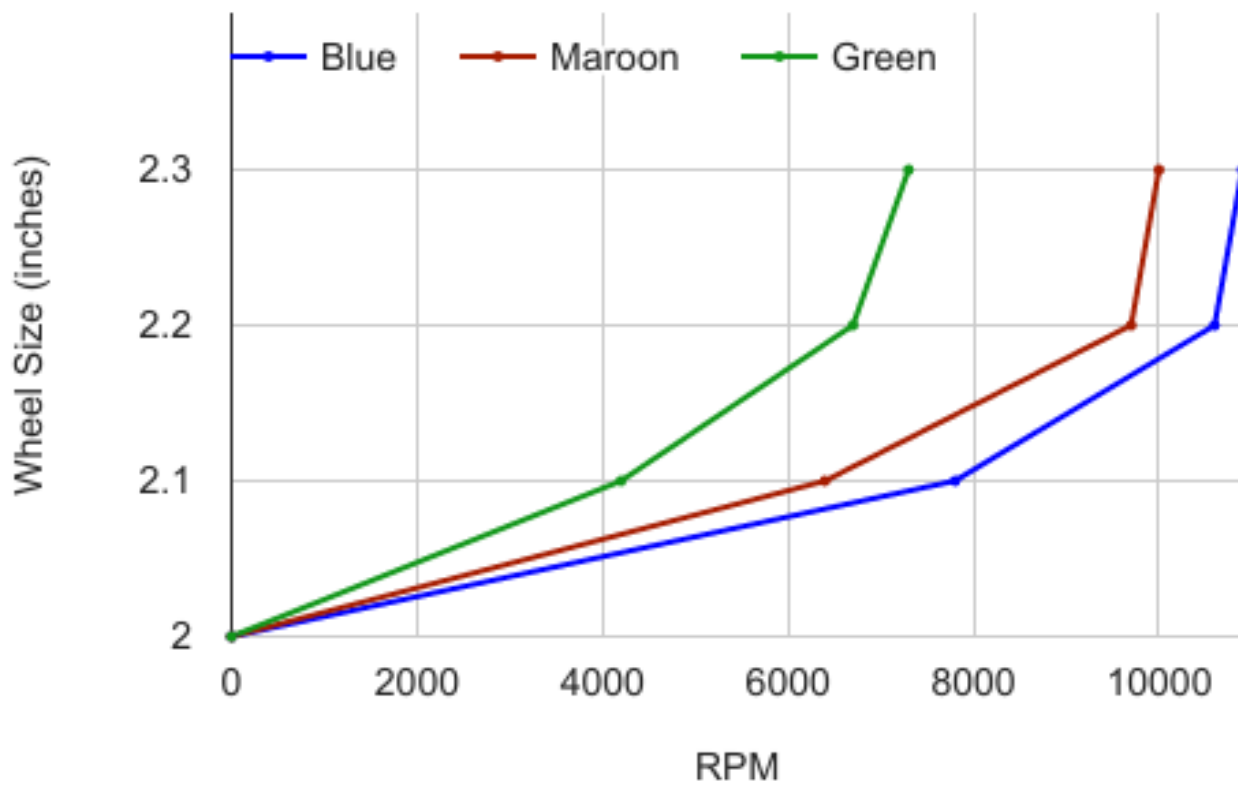
Testing

Methods

Each wheel was spun on a shaft with gradually increasing RPM. RPM measurements were taken each time that a wheel's diameter expanded by 1/10".

Results

2" Compliant Wheel Expansion



Results By Wheel

Blue

Maximum RPM: 10000

Wheel RPM	Wheel Diameter (in.)
0	2.0
7800	2.1
10600	2.2
10900	2.3

Maroon

Maximum RPM: 10000

Wheel RPM	Wheel Diameter (in.)
0	2.0
6400	2.1
9700	2.2
10000	2.3

Green

Maximum RPM: 6000

Wheel RPM	Wheel Diameter (in.)
0	2.0
4200	2.1
6700	2.2
7300	2.3
7500	2.4