

#	Requirement Type	Requirement Statement	Level	Guard 1	Guards 2,3,4	Guard 5	Guard 6	Guard 7	Guard 8	Guard 9
1	Physical	Can be fitted to the seven hills glue gun	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2	Physical	Able to withstand high temperatures	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
3	Physical	Will remain on the glue gun during use	1	Yes	No	No	Yes	No	No	Yes
4	Physical	Hot end is safe to touch- Temperature at the surface will not cause burns	1	No	Yes	Yes	Yes	Yes	No	Yes
5	Physical	Device does not require major modifications to the glue gun	1	Yes	Yes	Yes	No	Yes	Yes	Yes
6	Physical	Does not hinder visibility of where tip is during use	1	No	No	No	Yes	Yes	Yes	Yes
7	Physical	Has a minimal affect on the usability of the glue gun	1	No	No	No	No	No	No	Yes
8	Functional	Reusable/Durable	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
9	User	Does not hinder ability to pull the trigger	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
10	Cost	Cost under \$60	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
11	Documentation	An Instructables page will be created with details on the build process and how to use the device	1	Yes	Yes	Yes	Yes	Yes	Yes	Yes
12	Physical	No major changes in weight when modifications are made to the glue gun	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
13	Physical	The appearance of the device will make individuals averse to touching it	2	No	No	No	No	No	No	No
14	Physical	Able to be attached and removed with ease	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
15	Physical	Easily cleaned/doesn't need to be cleaned	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
16	Functional	Protects against strands of glue burning hands	2	No	No	No	No	No	No	No
17	Cost	Cost Under \$40	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes
18	Cost	Cost Under \$20	3	Yes	Yes	Yes	Yes	Yes	Yes	Yes
19	Visual	Aesthetically Pleasing; Professional Look	3	No	No	No	No	Yes	No	Yes