

# SAFETY

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## Best Practices #127, Protective Equipment Building a Safety Shield for a chapter Heading: Safety



Following is a list of parts required to build a safety frame. All the parts are available through 8020 distributors. To find a distributor chapters should go to [www.8020.net](http://www.8020.net) and click on find a distributor.

Chapters can also contact the following 8020 distributors:

ACS Marietta, GA

Bertelkamp Knoxville, TN

Chapters can chose to either purchase the parts pre cut and ready to assemble or purchase the 8020 rails and cut and build their own frame.

Required parts list for standard safety frame:

### **Extrusions**

1515-lite-97 Lite T-slotted profile 97" bar (for chapters who want to cut their own parts)

2 each 1515-lite 36" bottom bars

8 each 1515-lite 37" upright supports

2 each 1515-lite 16" mid cross pieces

2 each 1515-lite 19.5" top cross pieces

6 each 1515-lite 48" span bars

2 each 1515-lite 22.5" shield supports

### **Hardware**

18 each 4301 4 hole inside corner bracket

36 each 3355 5/16-18 double economy t-nut and two 687 FBHSCS

10 each 4305 4 hole joining strip

20 each 3355 5/16-18 double economy T-nut and two .687 FBJSCS

6 each 4352 7 hole 90 degree joining plate

12 each 3357 5/16-18 Triple economy T-nut and three .687 FBHSCS

6 each 3320 5/16-18 x.687 FBHSCS & economy nut

**Accessories** – used to connect cameras, mobility and finished look

2030 1515/1515-lite end cap black w/push-ins Quantity - 10

2129 15 S 1.5 x 3" base plate w/ 3/8-16 tap in Quantity - 4

2292 3" Furniture style caster w/brake Quantity - 4

3302 Drop in T-slot stud 1.25" Quantity 8

14161 Drop in nuts as needed

### **Safety panel**

¼" thick lexan or Plexiglas safety panel available from Home Depot or Lowes

**Assembly Video:** Follow this link for a assembly video <https://vimeo.com/72198125>  
 Please verify parts list requirements with your 8020 distributor.

Special thanks to Bob Law (Smokey Mountain Woodturners), and Ron Browning (Brevard County Woodturners) for providing input for the safety frame project.

