

## Research Report

Topic "How is bulletproof clothing made?"

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Some people need bulletproof clothing such as police, military and thieves. In the past many soldiers died in battle, so some people tried to create a thing that can protects our bodies. In Taiwan, Japan bought a lot of deer skin to use in bulletproof clothing and keep their troops warm. Now we use a lot of silk, but because of that, silkworms are almost extinct.





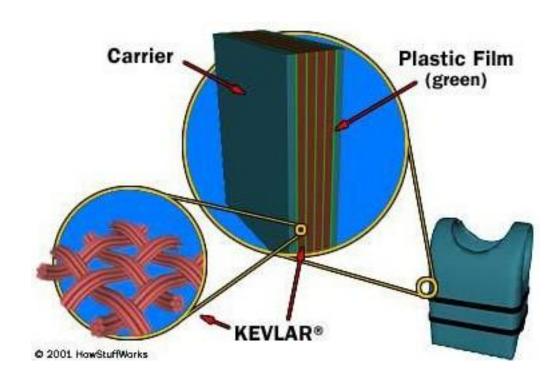
Bulletproof clothing looks like a big net. Why did we make it like a big net? Is it to protect our bodies?

Soldiers protect us and fight for our country. They might die in battle, so we need a lot of bulletproof clothing. Bulletproof clothing can help stop bullets. Some thieves will buy a lot bulletproof clothing to protect their bodies, because they might be shot by police and get caught.

Bulletproof clothing is made of a lot of spider - silk, vectran and Kevlar. It is made up of seven layers of bullet-resistant webbing. First, you need to get the raw materials. Second, you need to produce yarn because the material is better to make clothing with. Third, you should make all of the materials into a sheet and cut it into two pieces.



Bulletproof clothing has three types of the layers: the carrier, Kevlar and plastic film. First you should cut the materials and then you need to sew the panel to put the clothes together into one piece. For step six, you should create a cover to make the bulletproof clothing more beautiful and allow a soldier to put guns in the pockets. The last step is the carrier to help the clothing hold its shape.



Bulletproof clothing can help soldiers survive in a war, because it can stop bullets from going through the body. You can even put one or two pistols in small pockets in some bulletproof clothing. Bulletproof clothing has changed a lot and has saved a lot of soldiers' lives, as well as some thieves' lives. Bulletproof clothing is very cool and it is just like a very safe vest.