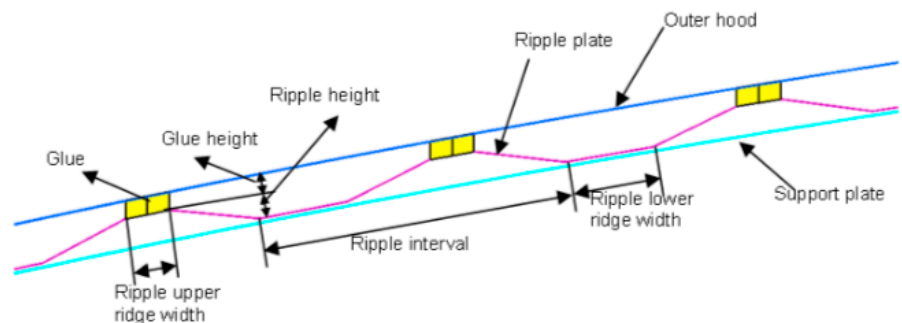


**Figure 5. Exploded view of the sandwich design for main hood area with color coded labels (upside-down view of the hood assembly).**



**Professor Yong Xia**



**Figure 6. Enlarged sectional view of sandwich hood assembly.**

From: Qi Liu, Yong Xia, Qing Zhou and Jenne-Tai Rochester Wang, "Design analysis of sandwich hood structure for pedestrian protection", Proceedings of the 21st International Technical Conference on the Enhanced Safety of Vehicles (ESV), 2009, <http://www-nrd.nhtsa.dot.gov/pdf/esv/esv21/09-0356.pdf>

See:  
[https://www.researchgate.net/profile/Yong\\_Xia9](https://www.researchgate.net/profile/Yong_Xia9)  
<https://www.tsinghua.edu.cn/publish/daeen/4370/2011/20110420174030653816207/20110420174030653816207.html>

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- Zeng Liu and Yong Xia, "Development of a numerical material model for axial crushing mechanical characterization of woven CFRP composites", *Composite Structures*, Vol. 230, Article 111531, 15 December 2019
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