

# Introducing Diemaking/Diecutting 101

Darrel Griffin, Stafford Cutting Dies, Inc., Indian Trail, NC, USA

What is the IADD? It's your definitive industry resource! And with that, one would expect to find information about the latest and greatest in industry trends and cutting-edge technologies. And that's exactly what the IADD strives to provide to its members and industry colleagues through various outlets such as chapter meetings, the IADD website, TechTeam, Odyssey Expo and *The Cutting Edge* magazine.

But the truth of the matter is, not everyone is looking for advanced information. Some folks just want and/or need to learn the basics first. Think about it: there are scores of new members coming into the diemaking and diecutting industry every day. In some cases, it's new employees starting at well established companies. It can also be different parts of the world that are entering into this industry for the first time. Regardless of the reason, basic information is still a valuable resource that is sought after, and is needed, every day. This is one of the reasons why the IADD is proud to add the Diemaking/Diecutting 101 section to *The Cutting Edge* magazine.

The Diemaking/Diecutting 101 section will cover basic elementary topics in both diemaking and diecutting. Each issue of *The Cutting Edge* will have at least one, but no more than two, brief articles in the diemaking and/or diecutting fields. Each article will only be 250-500 words with a few graphics, illustrations and/or photographs. Basically, one page per article.

The intent is for this article to be basic and simplistic in nature, and there are two reasons for that:

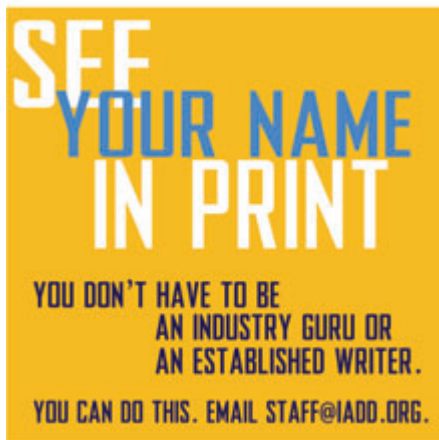
First, as mentioned before, this information is for beginners. It is also good for people who do not work in the craft but work alongside it. For example, you might have office people in your

diemaking company (human resources, accounting, etc.) that do not know much about what a die is or how it is made or used. There are also plenty of people working on the diecutting side that do not know how dies are made and vice versa with diemakers not understanding how the converting processes work. The articles in the Diemaking/Diecutting 101 section will be a great resource to provide that basic education.

Second, and this is just as important as the first, this section will be a great place for new technical writers to hone their skills! The articles are not long, and they are not overly detailed. Writing a cutting-edge technical article can be an intimidating and daunting task for an intermediate writer, not to mention novice or first-time author. Diemaking/Diecutting 101 will be a great place to cultivate our future technical authors! These writers are working in our companies as we speak. Who knows, you might be one of them!

In summary, Diemaking/Diecutting 101 will be a good resource to learn about the basics of diemaking and diecutting for not only new employees, but for those who work near but not in the craft and for those who want to learn how the other side works. We also hope it will provide more technical writers for the future, as it is a great place to start and hone such skills. So please do not hesitate to recommend a topic and/or submit an article yourself or from one of your coworkers to the IADD. To have an article published in *The Cutting Edge* would be a rewarding accomplishment for any employee, and imagine the engagement it could spark! ■

Darrel Griffin is the Operations Manager at Stafford Cutting Dies, Inc. Darrel may be reached at 1-704-821-6330 or by email at [darrelg@gostafford.com](mailto:darrelg@gostafford.com). For more information, please visit [www.gostafford.com](http://www.gostafford.com).

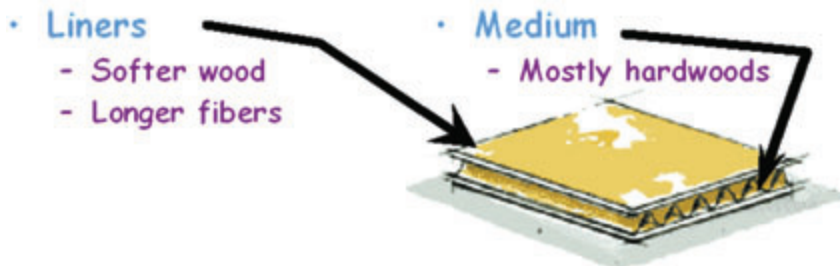


# Structure of Corrugated

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A piece of corrugated is made from a minimum of two pieces of paper. The outside piece of paper is referred to as the liner, and the fluted piece of paper is referred to as the medium. These pieces of paper are adhered together during the corrugating process.

The paper used for the liner is generally made from a softer wood than the medium. With longer fibers, the liners give the paper the ability to stretch easier than the medium which is made from more dense wood that has shorter fibers. The medium gives the corrugated its strength in stacking.



As mentioned earlier, a minimum of two pieces of paper are required to make a corrugated substrate. When using only two pieces of paper it is referred to as open face or single face. Combining a liner on each

side of a medium is called singlewall and is the most commonly used corrugated material. Adding an additional medium and liner for a total of five pieces of paper is referred to as doublewall. Triplewall is three mediums and four liners. Triplewall is used primarily for heavy duty use, and diecutting this product requires not only special diecutting techniques, it may require special machinery. ■



Singleface



Singlewall



Doublewall



Triplewall

*Darrel Griffin is the Operations Manager at Stafford Cutting Dies, Inc. Darrel may be reached at 1-704-821-6330 or by email at darrelg@gostafford.com. For more information, please visit [www.gostafford.com](http://www.gostafford.com).*

*Darrel is also a long-time IADD volunteer, having served in numerous capacities, including 13 years and counting on the IADD Board of Directors, as past IADD President, as the ringleader for the very popular IADD South Chapter annual golf outing and as IADD's current Treasurer. To learn how you can get more involved and reap the benefits, visit [www.iadd.org/volunteer](http://www.iadd.org/volunteer).*

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