



Machining

VIDEO: What are Non-Woven Abrasives?

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Video Highlights

1. ***What are non-woven abrasives?***

It's a synthetic fiber that a resin, the binder, is applied to, and it makes a coating backing and then the grain is applied to make a three-dimensional material.


2. ***Aluminum oxide vs. silicon carbide***

Silicon carbide grain is a sharper, faster cutting and it produces a finer scratch pattern on most surfaces. Aluminum oxide is more durable, it tends to be a longer lasting, and it's more aggressive on certain applications such as hardened steel.

3. ***When to choose a non-woven abrasive***

Typical applications include light- to heavy-duty cleaning, deburring, blending, polishing, and finishing.

4. ***Why choose a non-woven abrasive?***

Non-woven abrasives are more conformable, which allows them to be used on radiuses of parts. It helps to reduce operator error on manual operations. 

In the short video above, learn what a non-woven abrasive is, when and why to choose one and examples of industries that commonly use them.

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