How a Cigarette Is Engineered

The design and content of cigarettes continue to make them attractive, addictive, and deadly. Every day, more than 1,300 people in the United States die because of cigarette use.

**Filter**
- Typically made from bundles of thin, hair-like fibers.
- Designed to trap smoke, but only stops a small portion of the smoke from being inhaled.
- The filter [and ventilation holes] in most cigarettes may lead smokers to inhale more deeply, pulling dangerous chemicals farther into their lungs.

**Cigarette paper**
- Holds the tobacco filler.
- Manufacturers add chemicals to the paper to control how fast the cigarette burns.
- Smokers inhale everything that is burned—the tobacco filler, the paper... everything.

**Additives**
Manufacturers can add hundreds of ingredients to a cigarette to make smoking more appealing and to mask the harshness of smoke.
- Certain additives, like sugars, can form cancer-causing chemicals when they are burned.
- **Sugar** and **flavor** additives can change the taste of smoke and make it easier to inhale, but no less harmful.
- **Ammonia** and other chemicals added to tobacco may increase the absorption of nicotine, which is addictive.
- Some additives are bronchodilators that could increase the amount of dangerous chemicals absorbed by the lungs.

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FDA’s Regulatory Authority: The FDA Center for Tobacco Products (CTP) has broad authority, via the Tobacco Control Act, to regulate the manufacturing, distribution, and marketing of tobacco products. To protect public health, CTP has the authority to regulate what ingredients tobacco manufacturers can put into their products.


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