

Company Develops Light-Weight Ceramic Armor

By [The Moscow Times](#)

August 12, 2013

The  **Moscow Times**

A Russian company is developing nanotechnology that would allow production of light-weight ceramic armor for the military and police as early as the end of 2015, Izvestia said Tuesday.

Ceramic armor plates manufactured with the use of boron carbide powder will be used to make bulletproof vests, armor protection for combat vehicles and even for combat aircraft as they would be four times lighter than the existing armor plates.

"The effectiveness of protection ... will be 5 to 6 times higher than that of existing armor while the price will drop by up to 25 percent compared to existing models," Izvestia cited officials from the Novosibirsk-based NEVZ-Soyuz company as saying.

The Russian government has allocated 145 million rubles (\$4.4 million) for the development of nano-armor technology.

(RIA Novosti)

Original url:

<https://www.themoscowtimes.com/2013/08/12/company-develops-light-weight-ceramic-armor-a26735>