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DryWired NanoArmor Advanced Rifle Plates with Carbon Nanotube Technology: Anti-Rifle Ballistic Hard Armor with 'Almost No Backface Deformation Signature'! (Video!)

defensereview.com/drywired-nanoarmor-advanced-rifle-plates-with-carbon-nanotube-technology-anti-rifle-ballistic-hard-armor-

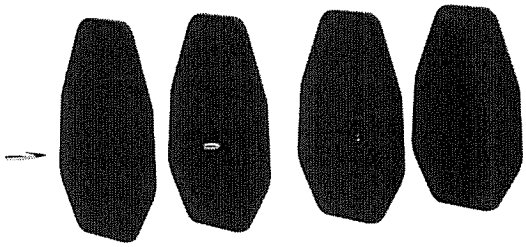
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Photo(s) Credit: DryWired

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Speaking of carbyne and multilayer graphene nano-armor (nanotech armor) for TALOS' (Tactical Assault Light Operator Suit) and other future soldier systems' body armor component, DefenseReview (DR) just remembered that we discussed DryWired NanoArmor Advanced Rifle Plates (hard armor plates) with Alex Nesic of DryWired at SOFIC (Special Operations Forces Industry Conference) 2016, and were intrigued by what we heard, which you can see and hear in the top embedded video below, shot by us.
NanoArmor's main claim to faim is that it exhibits "almost no BFS" (Backface Signature) upon impact not only from 5.56x45mm NATO and 7.62x51mm NATO rifle rounds, but rounds "up to fifty caliber" (.50 BMG).

The following information comes directly from the DryWired website:

"NanoArmor™ Advanced Rifle Plates

NanoArmor™ Advanced Rifle Plates are European engineered with advanced carbon nano-tube technology creating a standalone ballistic panel capable of stopping a wide variety of ammunition while eliminating blunt force trauma. The globally patented, cutting edge protective armor offers the unique advantage of being able to receive dozens of ballistic rifle strikes (7.62, 5.56) while maintaining full combat effectiveness and almost no BFS (tested 1mm-8mm max). For more information or for independent test results, please email: sales@drywired.com.

NanoArmor™ offers a 73% plate protection coverage area no matter what angle a Level III round is fired at while absorbing all rounds in order to prevent spalling.

Most conventional plates offer very limited protective coverage areas of 39% or less while allowing bullets and projectile fragments to ricochet.

PERFORMANCE	*NANOARMOR™ RIFLE PLATE*	NIJ STANDARD LEVEL III

BFS (Backface Signature)	**1-8 MM**	**44 MM Max**
Maximum Number of shots allowed per panel	**107 Shots**	**6 Shots**
Minimum Shot-To-Shot Distance	**0 In.**	**2 In. Max.**
Minimum Shot-To-Edge Distance	**1.3 In.**	**3 In. Max.**
Service Life	**10+ Years**	**5 years**

*Listed testing results combine data from National Technical Systems and from other factory tests. For a copy of official test data, please email sales@drywired.com"

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All embedded DefenseReview.com (DR) photos and videos were shot by DR with an Apple iPhone 6s Plus smartphone still/video camera.

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Flexible Biological Scalar Body Armor for Future Soldiers?

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