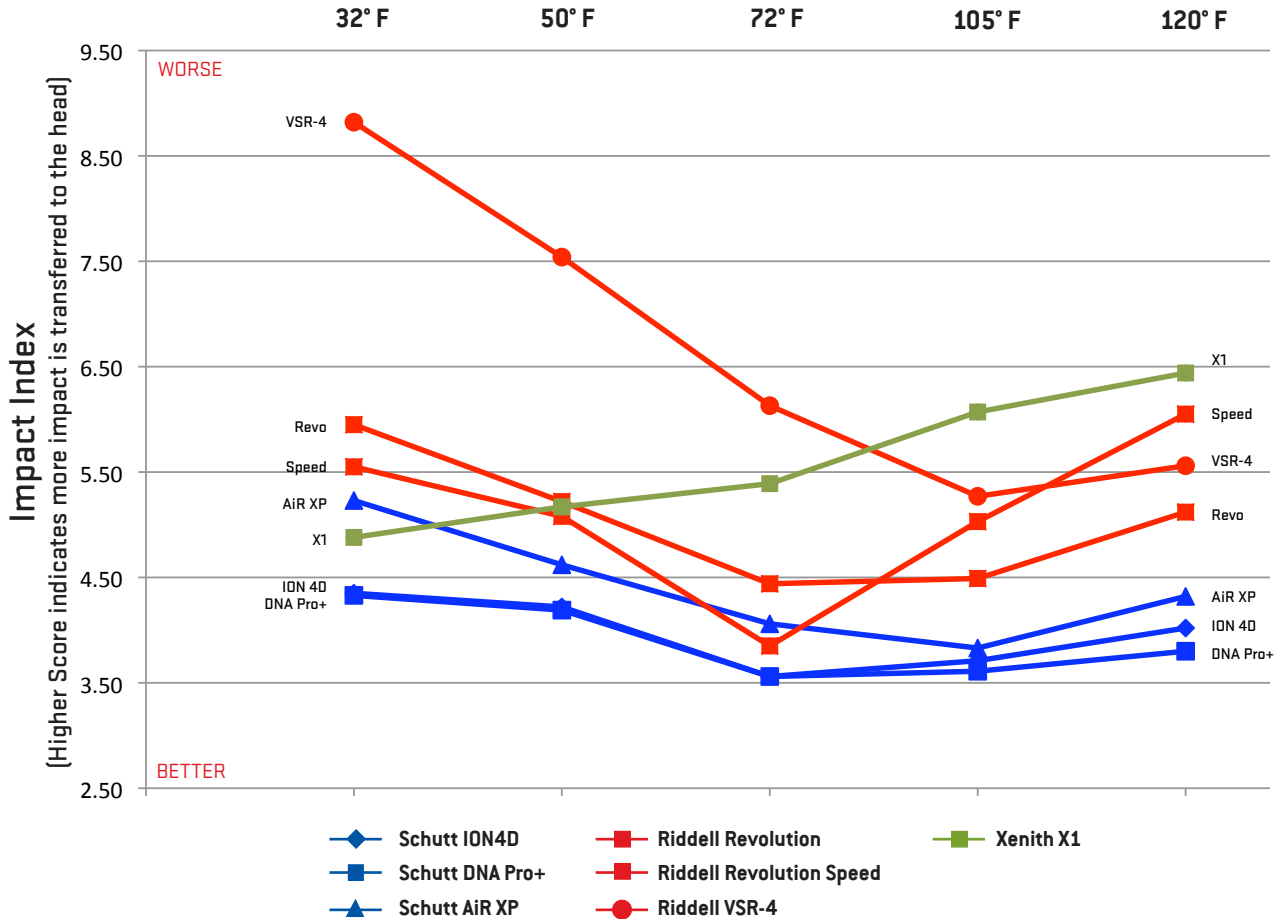




# TPU CUSHIONING ABSORBS MORE IMPACT

More Consistently Across a Range of Temperatures

Football Helmet Impact Test Results (Independent Lab)\*



\* Testing performed at ICS Laboratories, Brunswick, OH

Test results as depicted above are derived from the average of the second sixty inch drop in the Front, Front Boss, Side, Rear, Rear Boss and Top positions for two size large helmets of each model, at 32°, 50°, 72°, 105° and 120° F.

NO HELMET IS CONCUSSION PROOF.

The information shown above is not an indication of the ability of the helmets to reduce or prevent concussions. There are too many variables that cause concussions for a football helmet to address them all. Helmets can manage force and impact by attenuating it. The above data at different temperatures provides some insight into the helmets' ability to absorb and attenuate impact at different temperatures. As temperatures inside the helmet vary over a wide range, the performance of Schutt TPU Cushioning remains more consistent when compared to the performance of foam padding and other cushioning systems, as demonstrated above.



# THE **DISADVANTAGES** OF NOT WEARING A HELMET WITH TPU CUSHIONING



**Xenith X1<sup>®</sup>**  
Large Standoff

AT LEAST  
**60%**

**Xenith X1<sup>®</sup>** absorbs at least  
**60%** less impact than ION 4D



**Riddell Speed<sup>®</sup>**  
Large Standoff

AT LEAST  
**32%**

**Speed<sup>®</sup>** absorbs at least **32%**  
less impact than ION 4D



**Riddell Revo<sup>®</sup>**  
Large Standoff

AT LEAST  
**17%**

**Revolution<sup>®</sup>** absorbs at least  
**17%** less impact than ION 4D

AT LEAST  
**64%**

**Xenith X1<sup>®</sup>** absorbs at least  
**64%** less impact than DNA Pro+

AT LEAST  
**35%**

**Speed<sup>®</sup>** absorbs at least **35%**  
less impact than DNA Pro+

AT LEAST  
**20%**

**Revolution<sup>®</sup>** absorbs at least  
**20%** less impact than DNA Pro+

AT LEAST  
**54%**

**Xenith X1<sup>®</sup>** absorbs at least  
**54%** less impact than AiR XP

AT LEAST  
**28%**

**Speed<sup>®</sup>** absorbs at least **28%**  
less impact than AiR XP

AT LEAST  
**13%**

**Revolution<sup>®</sup>** absorbs at least  
**13%** less impact than AiR XP

Helmet Testing performed at ICS Laboratories, Brunswick, OH

Percentages shown are derived from test results from the average of the second sixty inch drop at 105° F (potential helmet temperature in game-like conditions) in the Front, Front Boss, Side, Rear, Rear Boss and Top positions for two size large helmets of each model.

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Riddell, Riddell Revolution, Riddell Revolution Speed are registered trademarks of Ridmark, Inc and Riddell, Inc.