



Dyneema® Diamond Technology combines maximum cut protection with extreme comfort.

Dyneema® Diamond Technology offers manufacturers an unprecedented choice in creating the most comfortable, durable and lightest solution for extreme level of cut protection. This patented technology will protect you while exposed to sharp cutting edges in your daily work, enhancing your tactility and reduce muscular fatigue, which will also improve productivity. You no longer have to compromise on comfort when choosing performance cut resistant protective gloves.

Besides the fact that gloves made with Dyneema® Diamond Technology will reach the highest level of cut protection according the European EN388 standard or ANSI level 3 or 4, they also demonstrate a dramatic difference in a more 'practical' cut test as shown in below pictures. In this test, two gloves, both EN388 cut level 5 / ANSI level 3, were exposed to a typical cutting action using a Stanley knife that was pressed on the sample with similar pressure (between 200-250 gr) while trying to cut the sample several times. As can be seen the glove made with Dyneema® Diamond Technology showed no cuts, while the glove made with glass fibre and polyester showed several cuts.



Glove with Dyneema® Diamond Technology



No cuts!



Glove with Glass fibre and Polyester



Several cuts!

Extensive wear trials in different high demanding applications such as automotive, thin metal sheet handling, glass industry, paper industry, and appliances, have demonstrated that gloves with Dyneema® Diamond Technology offer the required highest cut protection at extreme level of comfort and tactility, all combined with extreme durability resulting in significant cost savings that you are used to get from gloves with Dyneema®.

Please visit gloves.dyneema.com/aplusa.html for our 'common sense cut test video'.



For further information:

DSM Dyneema

Website www.gloves.dyneema.com

E-mail hpt.dyneema@dsm.com

Phone +31 (0)46 4767999

About DSM Dyneema

DSM Dyneema is a business of DSM, an advanced global player in nutrition and pharma ingredients, performance materials and industrial chemicals. DSM, repeatedly elected leader in the Chemical Industry sector of the Dow Jones Sustainability World index, creates innovative products and services that help improve the quality of life. DSM ranks among the global leaders in many of its fields and has a focused strategy aimed at accelerating innovative and profitable growth of its specialties portfolio. Development of innovative materials to be used in medical devices or drug-device combinations forms an important part of this strategy.

Disclaimer

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