

PLAY SAFE[®]

Sports
Mouthguard



Mouthguards are not all created equal!

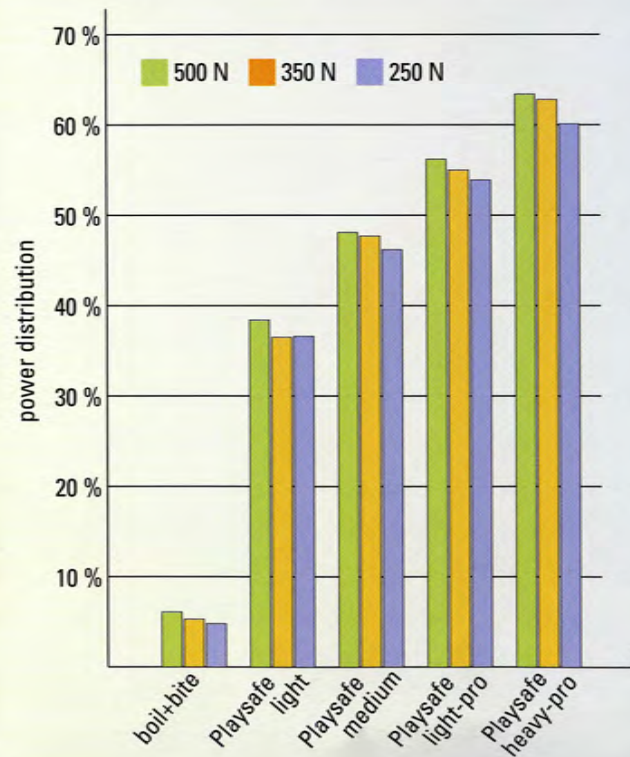
Playsafe mouthguards fit exactly onto the teeth, do not move and allow to breathe freely and after a short time of adaptation to speak normally. Boil & Bite mouthguards do not fit as accurately as custom sports mouthguards and move. The athlete has to hold the mouthguard onto the teeth, this prevents him from producing outstanding performances. At the First International Symposium on Dental Biomaterials (1993) Dr. J. Park reported that Boil & Bite mouthguards provide a false sense of protection due to the dramatic decrease in thickness when the athlete bites it into place during its softened state.



PLAYSAFE mouthguard

Boil & Bite mouthguard

The Playsafe custom laminated mouthguards are micron accurate and can provide 10 times more protection than a Boil & Bite mouthguard. Because of movements the Boil & Bite mouthguards are exposed to a much higher mastication load.



Why custom fabricated sports mouthguards?

According to the American Dental Association more than 200 000 injuries are prevented annually in the United States by sports mouthguards.

The National Youth Sports Foundation, however, estimates that more than 5 million teeth are lost by sports activities every year in the United States.



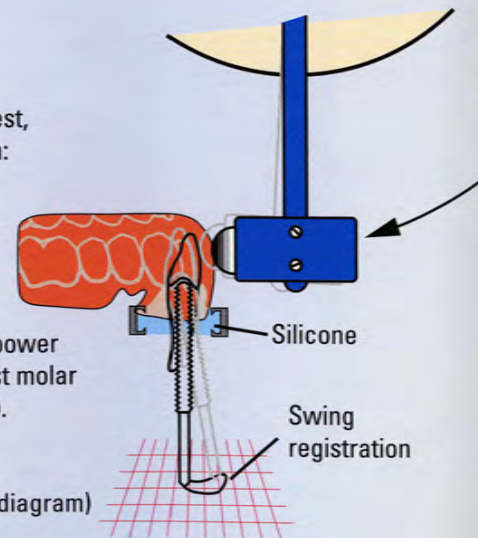
PLAYSAFE mouthguard 2 or 3 layers:



Impact pendulum test, University Tübingen:

Percentage of the power reception of the first molar (power distribution).

Power of impact: 500/350/250 N (see diagram)



4 PLAYSAFE types, the safe mouthguards for any sport

Your PLAYSAFE type:

HEAVY-PRO

PLAYSAFE heavy-pro, 3 layers, with hard layer, for:

Ice Hockey	Field Hockey
Squash	Polo
Kickboxing	Karate
	Rugby

Sports where extremely hard and pointed impacts may be received by the jaw.

LIGHT-PRO

PLAYSAFE light-pro, 3 layers, in case of cramped oral situation (for ex. children), for:

Ice Hockey	Field Hockey	Squash
Polo	Rollerblading	Kickboxing
Karate	Rugby	

Sports where extremely hard and pointed impacts may be received by the jaw.

MEDIUM

PLAYSAFE medium, 2 layers, for:

Boxing	Biking	Basketball
Football	Judo	Wrestling
Riding	Handball	Waterball
Motocross		

Sports where objects with a large surface area may be received by the jaw.

LIGHT

PLAYSAFE light, 2 layers, with cramped oral situation, for: **see medium**

Playsafe light additionally protects the opposing teeth against each other, for ex. for integral helmet sports.

PLAYSAFE COLOURS

Mark the desired colour:



25 **PLAYSAFE**® Colours

15 plain colours and 10 Freestyle colours are available for each Playsafe type. In addition it is possible to fabricate a 2-, 3- or 4-coloured mouthguard out of the colours 1-15.

Please indicate the colour numbers (1-15):

Example → 4 8 9 4



Dear athlete, a Playsafe mouthguard is fabricated for you by a trained person according to the Playsafe guidelines.

You get your Playsafe mouthguard:

At your dentist:

Impression taking, upper jaw and lower jaw

At your dental technician:

Fabrication of plaster model and mouthguard

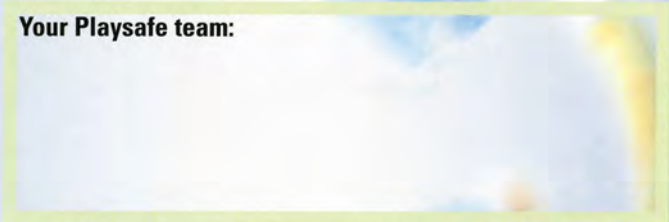
At your dentist:

Control of perfect fit and handing over

An original Playsafe mouthguard is always laminated (min. two layers) and shows the Playsafe type and the name of the athlete.

By the way, Playsafe mouthguards can be adjusted to changing proportions of the teeth.

Your Playsafe team:



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