



GENUINE  
**SHOCK  
TRANSFER  
CORE**  
PROTECTION®

**STEALTH**®  
SINGLE ARCH  
MOUTHGUARD

® **EXTREME**  
DOUBLE ARCH  
MOUTHGUARD

**POWRGARD**  
SHOCK TRANSFER CORE

**4 BRACES**®  
MOUTHGUARD



# GENUINE SHOCK TRANSFER CORE PROTECTION™



Patents:  
Worldwide  
WO 02/28349

## “BOIL AND BITE” CONVENIENCE

Myofunctional Research Co. has developed and patented Dual Moulding Technology that allows a universally sized, preformed mouthguard to be customised for the individual in a little under 2 minutes.

The POWRGARD Stealth™ and Extreme™ give superior protection to the teeth and jaws plus a “snap in” fit like no other mouthguard.

Patented SHOCK TRANSFER CORE™ technology incorporates an air cushioned base (3mm thick: STEALTH / 6mm thick: EXTREME) to protect the TM Joints from being crushed during impact.

## STEALTH™ SINGLE ARCH MOUTHGUARD



The POWRGARD STEALTH™ is ideal for all **contact sports** applications. It's **ultra slim profile** provides **superior comfort** and **ease of speech while in place**. Cross section photo (above) shows SHOCK TRANSFER CORE™ and 3mm air cushioned bite pad.

## INCREASE STRENGTH AND PERFORMANCE

Observe the champion athlete; head upright; lower jaw slightly down and forward; the muscles of the head and neck “braced”.

This optimised position of the jaw and the head on the spine, maximises arm strength and body balance.

This technique is difficult to maintain so top athletes often use appliances made by sports dentists to assist their performance.

The M.O.R.A. (Mandibular Orthopaedic Repositioning Appliance) principle is built into each POWRGARD™ giving all athletes the opportunity to be “their very best”.



## DUAL MOULDING TECHNOLOGY

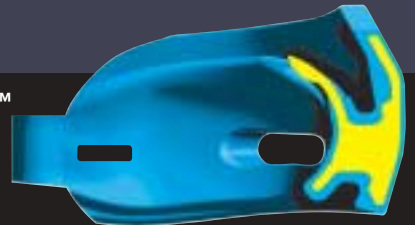
The unique combination of the SHOCK TRANSFER CORE™ plus an impact absorbing outer surface provides a protective shell that **reduces then transfers impact shock** away from the vulnerable front teeth to the strong triple rooted molars.

1. Semi-rigid SHOCK TRANSFER CORE™ maintains shape and all design features during customisation.
2. Tongue positioning tag provides optimal performance and protection.
3. Air cushioned aerofoil shaped base optimises the jaw's position (shown in M.O.R.A. research to improve strength and athletic performance in a wide range of sports).
4. Thermoplastic outer material provides the convenience of “boil and bite” customised fit (regularly remouldable if adjustment is needed).

**All POWRGARDs with dual moulding technology are remouldable as often as necessary if fit becomes loose through movement of the teeth.**



## EXTREME™ DOUBLE ARCH MOUTHGUARD

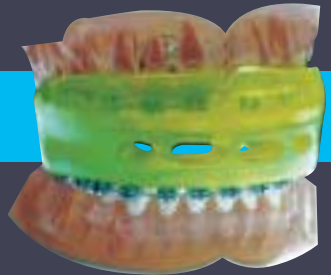


The POWRGARD EXTREME™ provides the **highest level of protection** of any mouthguard available.

**Unique breathing vents** maintain constant air flow even when teeth are clenched. Double arch construction protects both upper and lower teeth and jaws as well as the TM Joints.

Cross section photo (above) shows SHOCK TRANSFER CORE™ and 6mm air cushioned bite pad which optimises jaw position (shown in M.O.R.A. research to **improve strength and athletic performance** in a wide range of sports).

## 4 BRACES™ MOUTHGUARD



The POWRGARD 4 BRACES™ is the mouthguard every orthodontist has been demanding.

**Computer designed** for the athlete with braces it protects the upper and lower teeth while **stopping soft tissue damage** from brackets. It is designed with channels to fit over braces. The 6mm thick aerofoil shaped base **protects the TM Joints** from damage and a tongue tag positions the tongue for optimal performance and protection.



**MYOFUNCTIONAL RESEARCH CO.**  
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