RUBBERS & BLADES
Technical Specifications Catalogue
Welcome

Table Tennis Direct is a TOTALLY INDEPENDENT business established in 1991. We’re famous for our attention to detail and expert knowledge. All things ‘Table Tennis’ is our passion and we are obsessive about sharing it with you our valued customer. We are equally passionate about our customer service and value all of the great feedback we have received over our 26 years of existence.

The new catalogue contains just a flavor of the wide range of products which we hold in stock for immediate despatch. For more choice visit our new online shop. It contains a bigger range of rubbers, blades, clothing, tables etc.

Online shop @ www.tabletennisdirect.com

So once again we hope we can be of service to you and promise to make sure we live up to our excellent reputation, made by you. Have a great season and make sure you enjoy the fabulous game!

The Table Tennis Direct Team

Transparent service information

How to order

01304 369 996
Monday – Friday 9am - 4pm

Complete order form, post with payment to:
Table Tennis Direct
PO Box 174
Deal
Kent
CT14 7GD

www.tabletennisdirect.com

Despatch & Delivery

UK Postage & Packing Charges
P & P charge £3.50 per order.
(UK Mainland & N.Ireland only)
To dispatch to an alternative address a further £1.00 is charged.
For all other orders postage is charged at cost.

Despatch & Delivery times
Orders are processed and sent promptly,
Monday - Friday 9am – 4pm
Orders are sent via the Royal Mail 1st Class postal service.
1st Class post is not a guaranteed next day delivery service.
Call for a quote for next day delivery.
For heavier parcels allow 3 – 4 working days.

Returns & Refunds
Please call us to advise if you wish to return/exchange a product.
Returns must be received within 28 days from receipt.
IMPORTANT: ‘CUSTOMISED BATS’ cannot be refunded or exchanged. These terms do not affect your statutory rights.

We close for festive holidays and summer holidays in July. Please check before posting anything to us during these times.

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Payment Options
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Ordering online is completely safe and secure because we are a fully PCI DSS accredited business. (Payment Card Industry Data Security Standard)

Payment Options

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How to select a bat

We appreciate that it can be quite daunting when trying to decide which blade and rubbers to select for your new bat. Which is why we have done our very best to design our new brochure with as many explanations about the equipment to assist you along the way.

Selecting the BLADE

- Firstly determine your game style. Identify what your natural responses are to returning the ball. For example do you generally play mainly fast attacking topspinning or do you hesitate a little in your attacking play due to a lack of confidence? You could also play an allround style or be a defensive chopper/pusher. When you decide which type of player you are you should read the technical descriptions of blades on page 47. With the information provided there, decide on the blade type to suit your game style. For example very fast player tend to choose from the OFF and OFF+ blades while spin attackers tend to look at the OFF and OFF- blades. A safe and very popular choice is the ALL+ category. Defenders can make their choice from the defensive selection or consider a blade from the ALL type. When you define the blade TYPE you intend to play with you can then proceed to read more about the blades from the wide selection within the brochure.

Selecting the RUBBERS

- The task of choosing the rubber may seem daunting. Again start by identifying your playing style. With rubber you need to identify your individual style for both the forehand and backhand separately because very few players play identically on both sides. For example the ultimate choice for fast play is the fast and powerful reverse rubbers. There are many types of fast rubber to choose from. Then you could add extra control to a spin attack game by choosing a high powered tacky rubber. Sticky rubbers provide a higher level of control with excellent spin. Short pimples are great for pure hitters while long pimples help you to get spin back but are more difficult to play with as is anti spin rubber. The new advancements in rubber technologies provide exciting resources for players at all levels. Choosing the right equipment will maximise your confidence and definitely help you to perform better. When you decide which style of player you are you should read the technical descriptions of rubbers on page 13.

Rubbers & Blades

These have a short descriptive narrative plus technical specifications contained within a chart on each page to make it easier for you to compare. We have also included SPEED & SPIN symbols alongside most rubbers to assist your further.

Facts about rubber

Before you proceed to read all of the technical descriptions on the opposite page here we have gathered together other relevant and interesting facts about table tennis rubber.

Rubber wears out because we use it therefore the more you play the quicker it wears out. Also the longer you use the rubber its ‘optimum’ playing characteristics decline. The manufacturers’ estimate that the optimum playing capacity of a rubber is around 50 - 90 playing hours. If you participate at a fairly competitive level and want to maintain consistency of speed, spin and control you should change the rubber when you feel a lack of response. Most league and competition players change reverse or long pimple rubber within 12 months while short pimples and anti spin rubbers last a while longer. However the longer the rubber is left before replacing, the more obvious a difference is experienced in speed and spin when using a new sheet. You will also have made slight subconscious adjustments to your stroke play, to compensate for the wearing of the rubber. These are the facts so now it’s down to you.

Need to know rubber facts

- Rubber prices are per sheet
- 1 rubber sheet will cover one side of a blade
- Most rubbers are available in Red or Black
- A legal bat must have one RED & one BLACK rubber
- The sponge thickness is measured in ‘millimeters’
- Rubber sheets generally measure 6” x 6”
- All rubbers within the brochure are ITTF approved
- Rubber identity & ITTF logo must be located above the handle

Bat Assembly Service

At Table Tennis Direct our bat assembly service is flawless. The skill used to assemble each bat perfectly is noteworthy. Therefore when you have chosen your blade and rubber sheets, request this service.

Bat Assembly

Bat Assembly Service: £4.99 per bat and prompt despatch
- Each customised bat is professionally assembled to your requirements
- Each rubber sheet is cut by hand to an unparalleled standard
- Every blade and rubber is thoroughly inspected for quality prior to assembly
- Our professional bat makers have over 25 years of experience
- Your bat will arrive complete ‘ready to play’ and include side edge tape

No returns are allowed on customised bats. This does not affect your statutory rights.

Please note: the bat make up process takes longer now due to the water based glue, high tension rubber and sealed blade surfaces. We will only send your bat when it is completed to our high standards.
Rubber Jargon Explained!
The header on this page might stop you because of interest or simply because you have played for many years and feel a little cynical about such information. Either way we feel that it is important to try to explain the design purpose and general colloquialisms used to describe rubbers.

For over two decades Table Tennis Direct centered their service on good technical know how and matter-of-fact explanations without bias. Predictably, players often end up playing with equipment which the best players in their club use. We look up to these players for advice and aspire to play like them so hope copying their equipment will make a difference. Another advice route taken is to ask the coach. The coach is the person who concentrates on teaching but with respect, does not always have a wide scope of experience about all available equipment. However do ask your coach to describe your playing strengths and weakness. We advise you to use all available routes to determine the best possible equipment for your style. Don’t hesitate to contact Table Tennis Direct for sound advice.

Why different rubber surfaces?
Why not? No two players play exactly alike or have the same physical capacity. Mechanically when we start to play any sport our instincts kick in and inevitably we establish our style possibly for a lifetime. Just about to play any sport our instincts kick in and inevitably we play. Why not! No two players play exactly alike or have the same style.

Rubber surfaces – The different types explained

Revers Rubber
Has a smooth flat surface which is highly efficient. It is the most popular surface used in table tennis. New technologies permit lots of different features suitable all styles.

Tacky Reverse Rubber
Has a flat smooth surface which is ‘tacky’ made by adding aloe vera during the making process which improves spin and control. New technologies make it very versatile.

Sticky Reverse Rubber
Has a flat smooth surface which is ‘sticky’. It is developed from inherently natural rubber with a sticky constituent which is the common Chinese design. It has many distinguishing benefits.

Short Pimples
The surface has ‘short pimples’ no longer than 1mm high pointing outwards. The pimple circumferences can change in size providing different responses.

Long Pimples
The surface has ‘long pliable pimples’ pointing outwards. The pimple longitudes is governed by the ITTF aspect ratio of 1.1 which pertains to the height versus the diameter of the pimple.

Anti Spin
Has a flat smooth surface which is nonporous with no real grip and is generally quite slow.

Hard Bat
The surface has short pimples pointing outwards on a canvas backing like Barna rubber.

Speed, spin and control are nothing without players also perfecting the power, trajectory and placement element of their game.

Power
Power is the essential foundation for the execution of tactics and forceability of playing styles.

Trajectory
Trajectory is the underpinning element of accuracy in stroke play if performed correctly.

Placement
Placement is the crux of a sport like table tennis due to the close proximity and absolute speed of the game. Winning tactics rely on great placements to out play your opponent.

Speed + Spin
Speed + Spin to obtain a combination of optimum speed and spin a number of elements are essential regardless of your equipment choice - great arm speed, transference of weight, spot on timing and ball placement.

Next to most rubber images there are symbols to help you quickly assess suitability.

Rubber Jargon Explained!

Sponge Densities
Sponge densities are the result of how tightly the cells are packed into the structure and the type of sponge used which determines how hard or soft it feels. As a guideline we suggest that hard sponge suits players whose arm speed is quick and powerful because the sponge requires more compression to release the energy. Players with a slower more deliberate stroke style benefit from medium/softer sponges. Defensive players are also suited to the softer/medium sponges.

Sponge thickness and speed guideline

<table>
<thead>
<tr>
<th>Defence</th>
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<tr>
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<td>1.3</td>
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CAUTION!
It’s not unusual for the rubber edges to crumble. Visible wear and tear is due to making fleeting contact with the table, often when pushing. This crumbling is purely cosmetic and is not a fault.

Technical Specifications Explained

All rubbers are provided with Speed - Spin - Control factors. Technical specifications are supplied by the makers and should be used as subjective guidelines as they are judged against their own product range. There are numerous custom made bat variations and player capabilities to also take into consideration. Additionally there are other factors to consider such as the Power - Trajectory – Placement capabilities of the player which are also essential. Players who are only competent in speed and or spin will not achieve the highest level of play unless they improve the other elements.

Technical Specification: Reverse

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<tr>
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Spin Symbol: Suitable for a high speed/spin attack game

Spin Symbol: Suitable for a high spin/control attack game
About – High Powered Reverse

Reverse rubbers breakdown into two distinguishable playing types - ‘Speed/Spin offence’ and ‘Spin/Control offence’. A difference response is required to get the best for each playing style.

‘Speed/Spin offence’ players who execute a high powered speed spin offensive game with fast arm capability should consider rubbers with hard/medium tensioned sponges, they accentuate powerful spin play. Built-in ‘speed glue effect’ is obligatory for generating tremendous power and spin. Tensioned sponge now delivers longer, tighter and more powerful shot play. Adapted rubber surfaces improve ball contact resulting in greater spinning. The high speed ability of this rubber type requires skilled stroke play to completely benefit from the spin potential.

‘Spin/Control offence’ players who execute a spin driven offensive game should consider rubbers with soft/medium tensioned sponges; they accentuate high rotational play combined with control. The outstanding objective of these high co-efficiency rubbers is spin intensity combined with greater ball feel and immediate acceleration from the built-in ‘speed glue’ trampoline sponge technology. Players who concentrate on tactical spin placement and accuracy of shot play will benefit from the technology within this rubber type.

Sponge types for Speed/Spin: Hard & Medium
Suited playing style: Aggressive loop drive players and mid/close table play based on power.

Sponge types for Spin Offence: Soft & Medium
Suited playing style: Committed spin attack players who like to mix high accuracy placement play with drives.

The Rasanter i.e. rapider has undergone the most intensive and ground breaking development to suit High to Pro level players. The 47° sponge provides all the speed you can handle. Excellent for players with flat, direct strokes. High level players can take full advantage of the 47° sponge hardness and use pressurising offensive topspin play at higher speed. It will equip players to perform topspins with a precise curved trajectory and to be creative in the semi distance play.

Rasanter V47

The Rasanter i.e. rapider has undergone the most intensive and ground breaking development. Mid to High level players will benefit from the medium 42° sponge sweet-spot which reduces inaccuracies in stroke play. This is the best rubber for a fast game with targeted strokes. The V42 will increase your consistency while minimising throw away losses even during high speed play. The playing benefits are aimed at quick scoring fast play without any deviation and for risk takers who play.

Rasanter V42

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</table>

Note: Technical spec is the manufacturers own as judged against their own products.
### Rasanter R50

This rubber is for High to Pro level players. In the hands of dominant players this hard 50° sponge will provide the maximum speed boosting possible. The spin capabilities excel when players utilise their fastest strokes. Full throttle short strokes will trigger noticeable higher spin performance at maximum speed. The R50 sets a new benchmark for advanced level players.

### Rasanter R47

This rubber is aimed at pro to high level players because the R47 is direct and spin driven. Take full advantage of the 47° microstructure sponge hardness for extra power and speed in your topspin strokes. Play precise and curved trajectory shots and be creative in semi-distant high movement play. Spin driven players will feel its capacity in all out play.

### Rasanter R42

This rubber is aimed at advanced to high level players who can take full advantage of the 42° microstructure sponge hardness allowing you to take full control in your spin on spin play. The extra inbuilt power and speed capacity will be advantageous in topspin strokes. This rubber is widely versatile allowing you to take full control with greater feedback security.

### Rasanter R37

This rubber is for mid to Advanced level players who like to vary their distance from the table. The soft 37° sponge provides ample amounts of spin, allowing the player to be in complete control of the ball while providing access to precise active topspin play. Spin is key – so you will be inspired by the extremely curved trajectory of your topspin strokes even at moderate stroke speed.

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**Technical Specification:**

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PLAXON
LASER INSPIRED PRECISION TECHNOLOGY for 40+ ball play.

The andro® Plaxon rubber technology embodies target orientated precision. The new energetic sponge offers an extremely direct and powerful flying curve. This makes PLAXON the right answer to the new plastic 40+ ball with utmost control.

Technical Specification: Reverse

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1. Plaxon 525
The 525 offers high momentum with an immense speed reservoir for driving balls to the limit. The special rubber surface catapults the ball with spin and pressure and the outstanding surface structure maximises the optimal hitting zone. Sponge hard

2. Plaxon 450
The 450 offers high energy, spin and excellent control. The compact medium sponge delivers the ball with precise forcefulness. The newly developed rubber surface grabs the ball and avoids any loss of energy during the stroke. Sponge medium

3. Plaxon 400
The 400 offers pure precision with higher control and laser-like ball placement. There is constant ball speed even when hitting outside of the natural hit zone, especially in softer topspin strokes. Sponge medium

4. Plaxon 350
The 350 offers perfect playing control for players who prefer softer rubbers for spin offensive play. The newly developed rubber and sponge harmonizes flawlessly to provide heightened ball feedback for controlled spin attack play. Sponge soft
Hexer rubbers push the limits of what is possible from a rubber. Speed packed high spin with reliable feedback which makes it easy to truly improve the velocity factor of your stroke play.

Hexer HD
Modern table tennis becomes more complex day by day. Hexer HD was designed to focus on the precision element of the game. Accuracy is a key component of high level table tennis. This TENSOR BIOS rubber has a progressive spinny rubber structure which gives you the feeling of guiding the ball to its target point with more exactness. To be able to play topspins and counterspins of the highest possible level and hit the target precisely - High Definition Performance - will become an important part of your repertoire.

Hexer
This greatly advanced 4th generation Tensor Bios rubber was designed to provide improved performance in high level play. The sophisticated interaction of the new rubber layer and progressive pimple structure combined with innovative sponge makes it a significant rubber for powerful spin offence players. The ball flying curve is higher resulting in more efficient topspinning. It’s a significant choice for advanced play.

Hexer +
Players who want great ball feedback and consistent speed for pressuring the opponent should choose Hexer+. The newly designed rubber layer combined with the progressive inverted pimple geometry gives HEXER+ a strong trampoline effect and a comfortable horizontal ball rebound angle. Consequently the ball is delivered faster to the target - this enables the player to generate more pace while less energy is needed this equals better pace and performance.

Hexer Powersponge
Loop attack players with a preference for soft rubbers with sensational speed glue power and great audible sound will feel the benefits and advantages contained in this 4th generation Tensor Bios rubber. The in-bound spin energy is absorbed by the rubber and immediately gets transferred into active rebound-out energy. The soft powersponge generously forgives slight mistakes when striking the ball due to the optimum hitting area. Its outstanding control makes it suitable for players of all levels.

Technical Specification:

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</tbody>
</table>

Note: Technical spec is the manufacturers own as judged against their own products.
This has proved to be a very popular rubber choice for ‘power/spin’ players. The SPI ‘Speedeffect Inside’ technology combines the sought after feel of the old ‘speed glue effect’ with much improved overall dynamics for power spin play. This is quite a convincing and enabling technology that is loaded and ready to go. The incredible Spin-Speed-Dynamics plus typical sound and ball contact feeling of a freshly speed glued rubber is awesome.

Nimbus Soft

This is appreciated by players who love a balanced feel from both rubber and the sponge. The SOFT version will definitely impress all players who like playing with soft-feel offensive rubbers. It has exceedingly sharp ball control and was developed in such a way that even in extreme playing situations provides a large margin for technical error. The highly successful SPI ‘Speedeffect Inside’ technology naturally integrates the ‘speed glue effect’ providing fantastic responsiveness.

Nimbus Sound

This version is even softer which greatly increases the ‘sound factor’ of the rubber. This in turn accentuates instant responsiveness in stroke play due to the audio stimulus. Nimbus Sound has better sensation therefore appeals to players who play a more deliberate allround offensive game style. The high concentration of flexibility this rubber provides, benefits opportunities for touch orientated players.

### Technical Specification: Reverse

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<th>Product</th>
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</table>

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Order online at [www.tabletennisdirect.com](http://www.tabletennisdirect.com) phone 01304 369 996
Evolution MX-P

Aimed at high intensity play the MX-P will deliver in all areas of offensive play. The new inverted pimple geometry manages to produce more flexibility which drives energy into high spin play. We think it is has a great balanced dynamic. The contact time although rapid was sensitive which makes it very adaptable in all areas of play. It will make its mark on players who meet force with force in pressurising rallies.

Evolution EL-P

This is the most elastic of the Evolution rubber series so therefore most suited to topspin players who do not like a hard pressure. Very precise and powerful strokes can be released at half distance or over the table. When we tested it, it was straight away obvious that the pick up was effective with superb spin rotation and the drive off was tight and decidedly improved. It will be absolutely right for heavy spin attack.

Evolution FX-P

Players who like to plant themselves at the table will get the best from this finely tuned rubber. It has flexibility and softness for playing close due to the high catapulting effect. It feels accurate in short ball strokes and features substantial capacity for power play, be it punchy close counter shots or mid distance counter topspins rallies. We liked it for its overall capability in early play.

Technical Specification: Reverse

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Genius+ Optimum

To obtain maximum in-built ‘speed glue’ effect Tibhar developed the Optimum series with both the OPTRA and SPEEDEFFECT INSIDE technologies. This resulted in making premium level rubber with advanced capacity for speed and spin. The pimple structure of Genius+ Optimum is different which permits additional spinning and unbelievable dynamics in topspin on topspin games. This is a high level rubber development for optimised offensive play.

Genius

Loaded for spin! The ultimate focus for this rubber is spin because spin represents more speed and together they combine to become a reckoning force for attacking play. More spin encourages the angle of the rebounded ball to be more upright making a bow-formed ball curve which in turn gives more precision to your strokes and puts pressure back on your opponent. GENIUS is outstanding in the ball curve department and will definitely add points to your spin drive game.

Tibhar Aurus Prime

This newly developed rubber is perfect for technically offensive players who are determined in their attacking style. It offers perfect ball placement even when opponents play strategically passive strokes. The high grip, spin orientated rubber surface is combined with a catapult loaded 47.5° sponge to enable users to maximise extreme spin and energy. The innovative “SSP” technology, features thinner rubber combined with a thicker sponge resulting in a fast and spin focused offensive rubber.

Tibhar Aurus Select

The SELECT version is aimed at players who require control in their allround attack playing style with the added benefit of greater spin and speed due to “SSP” technology. This innovative technology features a thinner rubber surface combined with a thicker sponge resulting in a fast and spin focused allround offensive rubber. Players seeking consistency in their performance will feel the advantage.

The Technology

Optimises ball curve
High grip surface for maximum spin

High intensity in-built ‘speed glue’ effect on demand

Technical Specification: Reverse

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Sponge Thickness / Speed

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Note: Technical spec is the makers own as judged against their own products.

Order online at www.tabletennisdirect.com  phone 01304 369 996
**AURUS**
Get in the game!

**Aurus**
High catapult energy for outstanding speed is combined with exceptional spinning possibilities due to the ultra soft rubber surface. Although you will use very little strength, the ball will be loaded with spin and speed due to the SPI Speedeffect Inside technology. The exclusive rubber surface permits better consistency and a longer life expectancy due to the enhanced durability.

**Aurus Soft**
The softer version offers better control due to enhanced sponge absorption ability. This energy loaded rubber is ideal for spin rich strokes with good ball control. It is very well adapted for the varying spin attack game due to delivering tight curved ball trajectories.

**Aurus Sound**
The softest version of AURUS produces great sound and pure playing pleasure. The balanced playing sensation of the soft sponge and the elastic rubber surface were adapted for players who want energy loaded strokes without the demand of hours of training. The SPI ‘Speedeffect Inside’ technology combined with the soft sponge permits extraordinary sound.

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**Technical Specification:**

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**Note:** Technical spec is the makers own as judged against their own products.
Nimbus Delta S was developed to maximise play with the 40+ ball due to its new pimple orientation. The high grip definition delivers forceful topspins with a higher flying curve for accurate play. Players striving to overpower through spin will feel the backup of the high sensation sponge.

Delta V was developed to maximise play with the 40+ ball but the V version offers higher energy transfer in speed play. The fierceness of shot is felt in topspin on topspin rallies. The quality of inbuilt energy transfer originates from the newly developed surface structure.

Quantum Focus dedicated high dynamic energy transfer is the fundamental requirement when playing at the top of our offensive game. This rubbers catapult response at the precise moment of ball contact is phenomenal whilst still keeping control. The composition of sponge and rubber produces a fantastic playing sensation and an assured ball trajectory.

Quantum S version emphasises strong spin backed by dynamic energy transfer for a more controlled approach. The excellent ball sensation provides additional confidence in all over table play. The main goal is to create a highly technical rubber for play with the 40+ ball.

Technical Specification:

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Note: Technical spec is the makers own as judged against their own products.
POWER is in the air!

**Airoc S**

OCS - oxygen capsule sponge is the latest breakthrough technology for the advancement of rubber. Think about the dynamic of oxygen charged sponge providing the fuel behind every powerful stroke you play and you will be convinced. The S version provides enhanced feel for adept players.

**Airoc M**

OCS - oxygen capsule sponge is the latest breakthrough technology for the advancement of rubber. Think about the dynamic of oxygen charged sponge providing the fuel behind every powerful stroke you play and you will be convinced. The M version provides enhanced power for vigorous players.

**Airoc Astro M**

Research has shown that the new poly ball impacts the ability to create and maintain spin. So Stiga created ASTRO rubber to combat this potential loss of power. Astro M allows aggressive players to maintain the same spin/speed proportions they have always enjoyed. Evolutionary design increases the catapult effect without changing the spin ratio.

**Airoc Astro S**

Astro S is designed to expand shot selection for control orientated players when playing with the poly ball. The ability to control the tempo and to have multiple ways to score was built into the S version while providing enough spring to go offensive on demand.

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**Technical Specification: Reverse**

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**Note:** Technical spec is the manufacturer’s own as evaluated against their own products.
**Calibra TOUR H**

Calibra Tour H has a hard sponge with brand new APS-technology to provide very high speed and the fantastic possibility to shape your shots with increased spin features. The ‘Advanced Pimple Structure’ technology with straight shaped pimples makes the rubber adapt to the ball like never before and provides explosive and spinnny shots that are reliable in every situation. The Calibra Tour H is suitable for players with strong hitting power who need a rubber that offers the ultimate potential from the ‘built-in speed glue effect’ for decisive shot-making!

**Calibra TOUR M**

Calibra Tour M has a medium-hard sponge which also includes the brand new ‘Advanced Pimple Structure’ technology which provides very high speed. Again you have better control over shot making with increased spin features. The APS technology (Advanced Pimple Structure) with straight shaped pimples makes the rubber adapt to the ball like never before and provides a very spinnny experience that is reliable in every situation. The Calibra Tour M is suitable for players with medium strong hitting power with spin who need help to generate a bit more speed with a great feeling from the ‘built-in speed glue effect’.

**Calibra TOUR S**

Calibra Tour S has a soft sponge and again is equipped with the brand new ‘Advanced Pimple Structure’ technology which provides accentuate speed. The increased spin features allows you to position shot play much more effectively. The APS technology (Advanced Pimple Structure) with straight shaped pimples makes the rubber adapt to the ball like never before and provides explosive spin that is reliable in every situation. The Calibra Tour S is suitable for players with lower hitting power who need to feel the control without detracting from the overall offensive personality and the ‘built-in speed glue effect’ of the rubber.

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Note: Technical spec is the manufacturers own as judged against their own products.

Order online at [www.tabletennisdirect.com](http://www.tabletennisdirect.com)  phone 01304 369 996
Calibra LT Plus

Calibra LT Plus has an extra hard sponge that ensures tremendous power when hitting. Designed to supersede the successful Calibra LT. This version will pack a faster punch in the power department. It is an excellent choice for highly skilled players who demand a professional combination of spin, speed, power and long trajectory.

Calibra LT

CALIBRA LT definitely found its place in the complex world of high level table tennis. Advanced players who demand tremendous spin and speed combined with sensitive touch will draw all of the capacity from this rubber development. A forceful long trajectory delivery is the driving force for powerful offensive play. Drive your opponent off the table into compromising off balanced positions for point winning tactics.

Calibra LT Spin

Calibra LT Spin has a medium soft sponge recommended for highly trained attackers who emphasise tactical spin. You will have outstanding control for touch shots and service return, but when you are attacking you will experience new levels of possibility. This rubber packs powerful spinning possibilities with sensitive responsiveness.

Calibra LT Sound

The soft sponge version gives a crisp clear sound when striking the ball and is the closest you will get to that much missed feeling and sound of speed glue! With the softer sponge you get more control especially for blocks and receiving serves but are still able to make lethal strokes to finish the point. Controlled spin offence players will also benefit from the longer ball trajectory.

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**Technical Specification:**

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Note: Technical spec is the manufacturers own as judged against their own products.
Magna TX
Magna TX is the solution for players who want to achieve optimum acceleration. It generates maximum tension, and provides high accelerated returns for a fast spin and speed game. The highly advanced sponge development allows sheer driving force in offensive shots. Magna TX is recommended for highly trained attackers with good technical know how.

Magna TC
In today's modern game topspin to topspin rallies are more and more important. The Magna TC was designed to maximise noticeably greater spin due to its suppleness and yet it is still fast! You get a crisp, clear sound from the rubber when striking the ball and can easily attack short balls over the table without losing the feel of the grip and speed when touching the ball.

Magna TS
This is an outstanding choice for offensive players of almost all playing levels who like soft sponges with amazing sound quality when striking the ball. It provides you with excellent control in all your stroke play due to the unique surface. The specially developed sponge has the speed you are searching for when attacking the ball. This will definitely suit the majority of players who enjoy playing spin rallies.

Technical Specification

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Note: Technical spec is the manufacturers own as judged against their own products.

Xu Xin
World Table Tennis Champion 2015

order online at www.tabletennisdirect.com phone 01304 369 996
Boost TX

BOOST Tension X-treme is the fastest and most popular in the series. If you want to achieve optimum acceleration and thrust just like the old ‘speed glue’ this is the rubber. It really does provide an outstanding combination of speed and spin due to the ‘Trans Tension Sponge’ development. Maximum tension provides high accelerated returns for a fast speed and spin game. Premium level players should consider this one.

Boost TS

Mid positioned players who play a varied topspinning game from both forehand and backhand will be suited to Boost Tension Sound. It has supple soft sponge that really does give a crisp clear sound when striking the ball. Even though the sponge is flexible the rubber generates very good pace. An outstanding choice for offensive players of varied playing levels who like the feel and extra confidence offered with soft sponge.

Boost TP

If you play hard and fast the Tension Power sponge is the one for you. The ‘Trans Tension’ development is Stiga ultimate answer for the non-glue era! This exciting material has revolutionised the generated maximum tension possible in sponge power. Now you can really get all and more of the super speed and spin benefits you experienced when you used ‘speed glue! For high level attacking players who want sensitive touch.

Boost TC

Players who concentrate on spinning without needing maximum speed will get the best results from the Tension Clic version. That’s not to say that you cannot generate speed with this rubber there is definitely enough energy available when needed. Players who love to feel the ball in the rubber surface and favour spin driven strokes will reap the rewards. Spin offensive players of all abilities will play to their full potential.

Jean-Michel Saive
Ranked World No 35
as of May 2011

Technical Specification: Reverse

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Note: Technical spec is the makers own as judged against their own products.
**Stiga Neos**
This rubber has proved itself continuously to players who put a lot of consideration on controlled attacking. On average it is 10% lighter than most regular rubbers allowing for quicker stroke recovery between shots. It consists of the ‘Air-Capsule & Mega Tension’ technology which helps players to make the most of energy within the sponge.

**Juic Nano Cannon**
The ‘speed glue’ generation has ended but top level players now use Nano-Mega-Power technology to replace the effect. NanoCannon was developed with the newest Japanese Nano-technology. With Nano-unification the sponge and topsheet are far more elastic and flexible than normal rubbers therefore provide greater spin and stability through the stroke. Balls hit by this rubber draw a sharper arc in the air and combine much more speed.

**Stiga Neos Sound**
The SOUND version still gives you the speed but puts more into the spin factor. On average it is 15% lighter than most rubbers which improves stroke recovery. Stiga has produced a highly tensioned and responsive rubber top sheet, due to the ‘molecule walls’ being thinner than ordinary rubbers for greater gripping of the ball and better spinning capability.

**Almana Sound Synergy**
This has proved to be a very popular rubber for full on spin power players. It is a very bouncy rubber with tremendous catapulting effect due to the ‘Nano & Synergy Tech’ technology. The excellent capacity for topspinning, looping and counter-looping is next to none. Experience a greater curve in trajectory from you heavily looped balls.

**Juic Driva Smash ultima**
This ‘Super High Tension’ rubber is very popular with hard hitting players. It satisfies the most demanding element: power, for curving loop driving play. The sponge has added ‘Tension Technology’ which releases the ball from the elastic surface with decisive spin. This is a progressive rubber for top-level offensive play.

### Technical Specification: Reverse

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Note: Technical spec is the makers own as judged against their own products.
Butterfly developed ‘Spring Sponge’ and combined it with ‘High Tension’ technology to produce this highly offensive rubber. It’s fast and highly spinny and obviously good enough for Timo Boll! Power loop drive players will find its capacity most suitable.

**Tenergy 05**

This Tenergy version has been designed for power and precision close to the table. The inverted pimples are larger for greater ball contact in dynamic attacking play. The perfect solution for players with strong and accurate, attacking strokes.

Butterfly developed ‘Spring Sponge’ and combined it with ‘High Tension’ technology to produce this highly offensive rubber. It’s fast and highly spinny and obviously good enough for Timo Boll! Power loop drive players will find its capacity most suitable.

**Tenergy 25**

Butterfly developed ‘Spring Sponge’ and combined it with ‘High Tension’ technology to produce this highly offensive rubber. It’s fast and highly spinny and obviously good enough for Timo Boll! Power loop drive players will find its capacity most suitable.

**Tenergy 64**

The 64 is the fastest type and is recommended for players who dominate from a mid table distance. Again with a change of Pimple diameter which influences grip you get high catapult returns for forceful offensive play.

**Sriver G3**

The G3 includes improved High Tension technology and gives this rubber an increased speed and spin kick. The trajectory is tight and powerful while still having good control. It’s suitable for vari offence play.

**Sriver G3 FX**

This softer version of G3 simply provides more control. It’s easier to play with even though it has been upgraded with extra energy through the inclusion of High Tension sponge. Players wanting controlled power with accuracy will like it.

**Technical Specification: Reverse**

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**Sponge Thickness / Speed**

Note: Technical spec is the makers own as judged against their own products.
1 Coppa X1 Turbo Platin
This purposeful rubber is loaded with speed for fast counter spin and delivers a higher arc at maximum speed. It’s great for mid-distance play.

2 Bluefire JP 01
This is the quickest and hardest sponge version of the BLUEFIRE Series and is especially recommended for close to the table attacking players as well as those who prefer to play away from the table at mid point.

3 Bluefire M1
Bluefire M1 is unbelievably fast with a characteristic high arc when top-spinning that enables maximum spin and increased speed. This high-tech surface development has great flexibility and touch.

4 Acuda S1 Turbo
The Turbo version is very effective due to the maximum capacity of high tension within the sponge which boosts speed and spin. A rubber focused on fast counter spinning.

5 Desto F1
Although not as loaded with inbuilt tension like the newer developments this rubber still has a place for the more cautiously styled spin attacking player.

6 Bluefire JP 03
This softer sponge version has excellent playing qualities with optimum control. It will offer tentative attackers more possibilities in spin attack play with maximum control in pressure rallies.

7 Quattro Formula
If you are guarded in your playing style and a little deliberate in your stroke play you will like the touch and feel provided by this controlled allround rubber.

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</table>

Note: Technical spec is the makers own as judged against their own products.
1. **Rakza 9**
   - This is the fastest Yasaka ‘Hybrid Energy’ rubber which is suitable for highly technical offensive players who use both high speed and high spin to win the point.

2. **Rakza 7**
   - The Rakza 7 version is more favored by spin offensive players who really like to swing that spin around the table.

3. **Mark V HPS**
   - The HPS version combines ‘high catapult tension’ for truly modern table tennis. It offers the ultimate in speed and spin.

4. **Mark V M2**
   - The M2 version gives sharper spins and ultimate speed for heavy loop play.

5. **Mark V**
   - This is the original Mark V favored by fast attacking players who like to play hard up close to the table.

6. **Mark V XS**
   - The XS version allows more spin without detracting from the speed element of Mark V.

7. **Mark V GPS**
   - The GPS version puts the emphasis on control for greater accuracy and touch in attacking play.

---

### Technical Specification: Reverse

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<tr>
<th>Product</th>
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Note: Technical spec is the makers own as judged against their own products.
About - Allround Rubber

Allround rubber types are generally made with supple rubber and softer sponges. They are highly adaptable for inventive allround players to exercise a multi stroke game with great control. They offer security in control if you lean towards being a cautious attacker but have tendencies to fall back on push play. Speed is not their strong point but equally they are not slow. For the more defensive allrounder you can choose thinner millimeters for the best advantages. Allround rubbers provide great control opportunities with an even supply of balanced speed and spin.

Sponge types: Soft & Medium

Suited playing style: Thicker millimeters will suit highly controllably allround attackers who play near the table in a more deliberate style. Thin millimeters are suitable for defenders who attack sometimes but generally play more chop and push strokes.

### Technical Specification: Reverse

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<tr>
<th>Product</th>
<th>Speed</th>
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</table>

Note: Technical spec is the makers own as judged against their own products.

### Revo Fire

This rubber will deliver maximum sweet spot control combined with remarkable topspin power for aggressive allround play due to the TENSOR BIOS technology. This is quite an enabling rubber for patient allround players who look to pick off loose balls while their opponent is trying to dictate the play.

### Vario Soft

This Vario design incorporates soft sponge with an extremely elastic rubber. This resulted in a very distinctive loud sound when top-spinning. It’s suitable for allrounders who place value on spin and control.

### Vari Spin D.Tecs

This very popular mildly stress tensioned rubber will put more punch into your allround attacking game. Now you can control the ball’s speed more easily when you attack and control your opponent’s faster shots as well. The ‘soft feel’ sponge also makes it easier to spin. It’s great for the allrounder who is looking to exert pressure in their game.

### Vari Spin

This is a very accommodating rubber design for resourceful allround play. The very grippy surface provides great spin and control opportunities with balanced speed. The 2.0mm sponge is positive for controlled allround attack, while 1.5mm allows superb variations for the allround / defensive game.

### Sriver L

Sriver L is a renowned rubber for general allround spin play. It provides modified speed and spin for controlled allround play close to the table.
Both of the Shifter rubbers can be use in either of two ways! Apply the 0° direction for more speed or choose the 90° direction for more spin and control.

The design for Shifter is based on the popular Srver rubber; this andro version provides new generation durability plus better control. Srver devotees will feel the confidence that the newness brings to its playability. Shifter’s unique advantage is the possibility for you to choose between two different ways to assemble the rubber just like choosing L or S in Srver you can choose to emphasis: 0° for more speed, 90° for more spin and control. It’s very spinny and flexible allowing excellent control and supporting speed.

Shifter Powersponge is based on the SRIVER FX rubber design and is the ideal choice for players who focus on control. Its soft and elastic sponge supports a wide margin for error. It benefits both passive as well as offensive allround styles. More experienced players can take advantage of the combination of high control and spinnny surface that permits a variable playing style. You can also put the rubber onto the blade in two different directions for different outcomes.

This rubber benefits from TENSOR BIOS technology and is the softest which provides mid level players with more controlled power during active strokes. It releases significantly more speed and spin without losing control. The strong sound and improved ball control will impress.

This is a great and updated alternative to the long established Tackiness Drive. The surface has exceptional gripping ability due to the very pliable rubber composition. The high frictional surface is versatile for picking up the ball but also chopping with heavy backspin. The 40° sponge provides a nice catapult effect combined with superb overall control. If you play controlled topspinning use the 2.1mm. A multi stroke allround game will suit the 1.9 or 1.7mm.

### Technical Specification: Reverse

<table>
<thead>
<tr>
<th>Product</th>
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Note: Technical spec is the makers own as judged against their own products.
About - Tacky Rubber

This surface type provides great resources for players who are a little weak in technical stroke play and do not make enough spin. They offer the best of both worlds for forceful attacking players because the faster rubbers have in-built speed glue effect. Therefore they have a boost of speed combined with better spinning and controlling capability. The medium paced rubbers are suitable for accurate placement and control minded players. Generally players report that they feel enhanced control in a subconscious way. Because spin improves the delivery of the ball you obtain more accuracy. Adhesive is mixed with rubber during the making therefore grip is inherent resulting in no loss of grip. Tacky rubbers combine the best of spin, speed and control.

Sponge types: Soft & Medium

Suited playing style: The quicker rubbers suit strong mid distant top spinning players plus close to the table counter blocking. The medium paced ones are great for controlled allround play.

Technical Specification: Tacky Reverse  

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Note: Technical spec is the manufacturers own as judged against their own products.

Nano Spin II

We genuinely welcome this new high tension tacky rubber from Juic because the newly designed playing characteristics are really noticeable in high powered play. You don’t have to worry about control just play your natural offensive game and feel the driving and spinning dominance of this rubber. Equally make sure you play it in for about 6 – 10 hours to allow it to reach its optimum playing capacity this is very important!

Neos Tacky

This very popular rubber benefits from ‘Mega Tension’ Technology. ‘Spins the ball brilliantly’ is the feedback we receive. It offers offensive speed with high grip. The ‘Air Capsule’ technology makes it around 10% lighter than most rubbers while the Mega Tension sponge injects speed. If you want great control with high spin ability then look no further.

Geo Spin Tacky

This popular and great value tacky rubber has an excellent grippy surface with a powerful 42° sponge. This helps players who are not so positive in their driving play to balance the difference between control and spin offence.

Legend

The foundation of this rubber stems from the legendary successes of Chinese rubber technology. Tacky surfaces have their place firmly established for all standards of league players because of the great control and spin ability. If you are not looking to drive the ball with excessive speed but put emphasis on good ball placement, controlled service returns and allround high-spin play choose Legend.

Tackiness Drive

Controlled spinning rubber with a slightly ‘tacky’ surface and medium sponge, suitable for both highly controlled spin attack and possible defence.

order online at www.tabletennisdirect.com  phone 01304 369 996
Technical Specification: Tacky Reverse Sponge Thickness / Speed

<table>
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<tr>
<th>Product</th>
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Note: Technical spec is the manufacturers own as judged against their own products.

Nano Spin

This high tension tacky rubber is a strong choice for power spin players who need a little extra confidence in open play. Use this rubber for effective spin in your serves and then power up your looping shots with the help of the very supportive tacky rubber and catapulting sponge. This resourceful development will put you in charge of shots with the back up of confidence needed to execute your natural predisposition for attacking play.

999 Elite Nano

Juic for the first time developed a TACKY rubber with Nano-Tech power. Now you have the power of a reverse nano rubber with the explosive spin force of a tacky surface. Together they provide a fantastic new component for power with combined spin. Feel all the benefits that a tacky surface can bring to the driving curves of your spin play together with the essential control.

Spin Spiel Ultima

There are so many favourable descriptions we use to describe this effective rubber! The unique combination of tacky rubber with tensioned ‘Ultima’ sponge makes the difference. High spin, speed with great control equals a really responsive rubber. Need extra confidence in your spinning strokes then this is the answer. It easily picks up and drives the ball from all angles while forceful blocking or killing a high ball will feel quick and powerful.

Spin Spiel

Magic - is the adjective we use to describe the qualities of this great tacky rubber for inventive allround spin play. It is versatile and controlling. Attacking players can easily force the play with confidence due to the excellent sponge and grippy surface while allround tacticians get the best control possible without loosening up on being able to take advantage of their attack build up.

Note: only available in BLACK.

‘Stellan Bengtsson’

1st Swedish World Champion in 1971 aged 19!
He won 10 World & European medals. Stellan uses Juic rubbers!
About - Sticky Rubber

Sticky rubbers were initially one dimensional and mainly used close to the table for effective 3rd and 5th ball attack. Today’s choices are more varied. They appeal to slower offence players plus allround and defence styles. Offensive players with slower arm speed now benefit from the in built ‘speed glue’ effect for extra speed and spin. Over the table blockers also use the surface productively. Deliberate allround players benefit from the long dwell time because the ball is carried longer on the bat allowing better stroke completion hence greater control but the shot may ‘feel’ slower. Defensive players can use the softer sponge types to great effect emphasising better chopping, control and accuracy.

Sponge types: Hard, Medium & Soft
Suiting playing style: The higher speed rubbers suit strong power players who stay close to the table. While the lower speed types are best for maximising spin due to the greater dwell time.

Technical Specification: Sticky Reverse

<table>
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<tr>
<th>Product</th>
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</table>

Note: Technical spec is the manufacturers own as judged against their own products.

1 729-2 makes it easier to create accelerated loops and fast attacks due to the elasticity in the rubber. It highlights quick power close to the table, indicative of the winning Chinese playing style plus you can play high spin looping at mid distance. The design makes use of incoming energy to generate more power and includes surprisingly good control with little effort.

2 Geo Spin
This rubber has proved itself for modified controlling play where you need to push confidently but still attack when required. Its lightweight feel combined with a powerful tensioned 40° air cell sponge suits tactical spin play.

3 Neo Hurricane 3
The NEO range of rubbers was developed for the Chinese National team to counterbalance the loss of the Speed Glue effect. The NEO Hurricane 3 has been a very popular choice for strong spin offensive players with extra pace infusion. Control is outstanding for over the table play.

4 Super 729 FX
This popular sticky rubber with hard sponge is capable of generating strong spin. Excellent for consistent power drive players requiring more control than speed. A ‘firm’ favourite.

5 729 FX Super Soft
This great choice for controlled allround play has lightweight sticky rubber with soft reactor sponge which gives it a lively bounce and better spin. It’s superb for intermediate to competent allround players.

Order online at www.tabletennisdirect.com phone 01304 369 996
Juic 999 Turbo
Turbo charge your controlled attack game with this great sticky development from Juic. Choose a sticky rubber for its extra control as it will undoubtedly benefit your general all round play. This new and improved turbo tensioned sticky rubber definitely packs a punch in the speed department and will add higher rotation to your spin play. It’s great for players who lack slightly in confidence but are natural attackers.

Gold Arc 3
Top quality Japanese produced semi sticky high tension rubber for the perfect high spin attacking combination of spin power play close to the table. Certified for top level play by the Chinese master players.

Tibhar Dang
This is a versatile sticky rubber which generates and absorbs heavy spins. It’s very popular with safety conscious spinners. Sticky surfaces are not speedy because the ball is released later. However pushing, chopping and hard hitting is very effective. It adapts well to both chop and attack.

Skyline 3
This has outstanding control when playing topspin against topspin and it’s claimed that it’s nearly unbeatable due to its aggressive sticky upper surface. Players who pressure their opponents with power spins will like it.

G666
This sticky rubber was extensively developed using the latest tensioned sponge technology. It’s great for forceful aggressive looping over the table with extended control qualities.

Hurricane 3
This sticky rubber has been designed for players who are much more deliberate with their stroke play. Slower more thoughtful spin placement players should feel the difference.

Technical Specification: Sticky Reverse

<table>
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<tr>
<th>Product</th>
<th>Speed</th>
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About - Defensive rubbers

Defensive rubbers feature reverse, tacky or sticky surfaces. Each surface type has something different to offer. They are effective choices for the high percentage chopping game which is interspersed with step in attacking play. These pliable surfaces allow the ball to sink into the rubber and get well gripped which in turn delivers tight low trajectories with high rotational chopping backspin. It is equally useful for early attacking play over the table. Don’t expect tremendous speed; use these rubbers for consistent defensive tactical play.

Sponge types: Soft & Medium
Suitable playing style: Reverse suits players who have good chopping strokes mixed with some attack play.
Tacky suits players who need extra spin capacity. Sticky is suitable for pushers/choppers who want maximum spin and control.

<table>
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<tr>
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<th>Sponge Thickness / Speed</th>
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Note: Technical spec is the makers own as judged against their own products.

Super Defense 40
Fantastic is how we describe Super Defense 40 for defensive backspin specialists. Its different pimple geometry and extremely thin reverse rubber surface combines together to allow cutting backspin with greater control. It’s constantly a positive defensive choice.

Super Defense 40 Soft
Use this softer version for better feel when standing close, playing early ball pushing. The thin reverse rubber and defensive sponge gets hold of the ball for better placement opportunities. Play with greater spin potential and tactical advantages.

Chop & Drive
This popular tacky rubber is extremely spinny with elastic rubber and soft sponge for cutting backspin. Mix your chopping and driving strokes with ease. Choose thin sponge for defence, 1.5mm for allround and 1.8mm for an active defensive game.

Tackiness Chop
A soft spinny and slightly tacky rubber combined with pliable sponge which ensures superb control with good backspin effect. It’s suitable for safety conscious defensive players.

Order online at www.tabletennisdirect.com phone 01304 369 996
**1. Backside C**

Want to update your old Tackiness Chop to a better and more durable one? Then this is for you! As a defender you rely on maximum control. The extremely spinny, almost tacky surface permits you to play precisely placed balls full of spin. You can count on the grip ability no matter how far you are forced off the table. This is the ultimate defenders choice.

**2. Special Defence**

This high friction reverse surface is intended for the chopping game. Its innovative surface allows chop shots to be played with deep backspin and control. Even fast shots can be returned with a flat low trajectory.

**3. Triple Spin Chop**

This sticky rubber has a very effective composition which grips the ball very well for great backspin play. It was designed for safety conscious defensive players.

**4. 999 Elite Defence**

Out chop and out spin your opponents! This newly designed SUPER TACKY rubber is purpose built for defenders. The high spin rubber is combined with super soft mega control sponge which slows the speed to a level that spin defensive players like. This rubber will be a dangerous weapon in the hands of a skilled chopper!

**5. 999 Defence**

Defenders simply love this rubber! The great sticky surface with soft elastic sponge is ideal for heavy chop defence. Cut, chop, slice the ball and keep it low over the net with as much backspin as possible so that your opponent encounters much difficulty.

---

**Technical Specification:**

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Note: Technical spec is the makers own as judged against their own products.
About - Short Pimples

Hitters, blockers and quick close to the table players are most suited to this type of rubber. It is not a rubber you choose to play spin with although the more recently developed types offer better possibilities for spinning. The surface is good for gripping oncoming spin and deals with play from long pimple with control. Often the best way to play with it is to take the ball very early, you can punch it back with force, flick it fast and push it quickly. Some types now have fast built-in ‘speed glue’ effects which provide you with more power. Mainly used on the backhand due to the close proximity of the playing position and the opportunity to force and spread the play is advantageous.

Sponge types: Soft & Medium
Suitied playing style: Counter attackers who play quick active strokes over the table. Allround players who push and roll while waiting to hit also find it useful.

<table>
<thead>
<tr>
<th>Technical Specification: Short Pimple</th>
<th>Sponge Thickness / Speed</th>
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<tr>
<td>Classic</td>
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Note: Technical spec is the manufacturer's own as judged against their own products.

1 Radical

This is a unique short pimple. Never before has an extremely thin grippy surface with an elastic base been used for a short pimple. It combines the chance to play offensively yet has much better control when chopping and pushing.

3 Magic Pips

These short pimples are wider than most. 2.0mm can produce good rotation for top spinning with excellent control for close to the table spinning and blocking. The 1.5mm produces less rotation but is effective for blocking against topspin.

4 Super Spin Pips

This short effective pimple provides excellent speed with amazing effect. The improved speed is due to the elastic sponge which provides immediate power on demand. Suitable for power blockers and snappy counter hitters who play over the table.

5 Killer

An interesting new design for a short pimple based on a slightly longer inverted pimple. This provides very good control but most of all offers an interesting disruptive effect. Ideal for close to the table blocking, counter attack and power hitting.

6 Classic

This old style BARNA type hard bat rubber has small short pimples on a thin canvas backing. It’s suitable for hard bat play.
**Speedy Soft D.TecS**

Speed boost technology is obligatory and has resulted in being a great success. The integration of D.TecS technology into the famous Speedy Soft makes it a superb over the table counter weapon. It’s great for power blocking, punch driving and hard hitting play.

**Blowfish**

This is very fast and powerful. It’s a really positive choice for players who want feel as well as viable power for countering. This new adaptation is not only aggressive in all counter active play but will also allow you to successfully create topspins.

**Hexer Pips+**

The unique feature of this rubber is the option to choose between lengthwise or crosswise pimple geometry which allows you to decide which characteristic you prefer to put focus on: gentle control or non-stop aggressiveness! Choose: 0° for speed, 90° for spin and control. It’s fast, spiny with flexible control.

**Pips Ace Topspeed**

Do you like to play the favourable Chinese style of quick over the table explosive shot play with very quick and punchy strokes? This was made for you. A drivable yet grippy rubber for counter attack play.

**Speedy Soft**

These pimples are wide to produce high speed when counter power blocking over the table. Short pimples are generally insensitive to long pimples play and have maximum control. These pimples are highly recommended for that punchy push and snappy attack game style.

---

### Technical Specification: Short Pimple

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Note: Technical spec is the manufacturers own as judged against their own products.
About - Anti Spin

This rubber type has no grip and it is generally slow. It was developed to handle spin. The surface features ‘no real grip’, which helps to dissipate on coming spin. The spin that develops on the returns is generated from your opponents shot i.e. spin reversal. It creates confusion and is generally slow in pace. Not really suitable for attacking play due to no grip. Modern exponents of this rubber have developed ways to attack through modified strokes. Attacking can be used to great effect. Often used mainly on the backhand for effective slow blocking, pushing and float/chopping returns.

Sponge types: Soft & Medium

Suited playing style: Combi-bat players use this rubber type for effective disruptive play. Players who have difficulty against spin get better results in returning.

Technical Specification: Anti Spin

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Grizzly

This creation is an innovative anti spin which is particularly adapted to suit an allround game. It offers great control but will permit formidable attacking possibilities and unpleasant disruptive effects when blocking and playing close to the table.

Gorilla

This revolutionary anti loop rubber enables a highly effective blocking game, even against high topspin shots. Creative and disruptive effects are imparted onto the ball. The ball tends to stay low after the bounce making it extremely hard to pick up.

Anti Special

This is a distinctly slow Anti Spin offering much better control. In addition the rubber produces very good spin reversal for a highly effective blocking game close to the table. It’s also good in aggressive attack.

A-B-S Anti

The anti WEAPON for blocking close to the table. This is distinctly slower than other anti spins and offers better control. It’s perfect for killing spin in early blocking shots as well as keeping the ball low and short over the net.

Anti Power

This is one of the oldest anti spin rubbers. It has tended to be used by players who like to punch and block early in the rally. It is mainly used by offensive combination bat players.
Neo Anti

Although anti spin rubbers are not as popular as long pimples for spin reversal, Neo Anti breaks the mould! It has remained a consistent choice of players due to the unique benefits it also brings to close to the table hitting. No problems in the push and chop department because you feel the control abilities.

Technical Specification: Anti Spin

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</table>

Note: Technical spec is the makers own as judged against their own products.

1 Energy Absorber

This anti spin has good controlling abilities. The soft sponge absorbs powerful strokes and the surface is effective against spin. Most suitable for combination bat players where the backhand mainly controls the rally. Only available in: Black

2 Neo Anti

Although anti spin rubbers are not as popular as long pimples for spin reversal, Neo Anti breaks the mould! It has remained a consistent choice of players due to the unique benefits it also brings to close to the table hitting. No problems in the push and chop department because you feel the control abilities.

3 Alligator Anti

This anti loop has taut rubber and the hard sponge ensures that the ball is returned with speed, therefore putting the opponent under pressure. The player is able to use effective variations and can drop short with good touch.

4 Ellen Offence

This anti spin is obstructive and suited to an active game style. If you mix your cutting strokes with close to the table countering it will provide good troubling returns. Unsurpassable ball control can be enjoyed by active defenders.

5 Ellen Defence

This anti spin is highly absorbent with very soft and absorbent yellow sponge to combat heavy topspin. The anti surface will also assist with difficult service returns and all the heavy spins that your opponent may throw your way.
### About - Long Pimples

Long pimple is an emotive rubber surface. It’s been around a long time and has been modified in numerous ways. Equally players have tailored their stroke play to suit both defensive and offensive shots. This surface was developed to combat spin. It takes lots of practice to handle the surface to the best of its playability. Players who have difficulty against spin will benefit from the spin reversal and possibly benefit from the movement (wobble) on the ball when returning. The newer designs benefit from ‘tensioned sponge’ which helps in the attack department. If you tend to chop and push it is easier to transfer to a long pimple however players who naturally hit may have more problems. It’s not a simple solution to restricted movement or lack of spin returning ability but it can cause quite a lot of disruption.

**Sponge types:** Soft, Medium & Hard  
**Suited playing style:** Allround defensively orientated combi-bat players achieve the best disruptive outcomes from the surface.

### Technical Specification: Long Pimple

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**Note:** Technical spec is the manufacturers own as judged against their own products.

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**Rasant Chaos**  
This new long pimpled rubber is remarkable in anti spin defensive play. Its versatile long pimple is suitable not only for defence strokes away from the table but also blocking over the table due to the tensioned sponge. The pimples are newly designed in both direction and narrowness and the pimple surface offers a perfect base for extreme spin. No sponge comes with a self-adhesive glue sheet.

**Tibhar Grass Ultra**  
This is an advanced long pimple development from Tibhar. The highly developed surface is grippy allowing you to vary returns on cut balls but also produces disturbing returns in attacking play. It’s a great choice for mixed disturbing play.

**Tibhar Grass D.TecS**  
This is a remarkably popular and effective long pimple rubber for destructive and dangerous play. It allows players to experience new variations of destabilising strokes when cutting andcountering their opponent’s returns due to the built-in tension. It has astonishing control plus enough speed when playing quick aggressive shots over the table.

**Tibhar Grass Defence**  
This traditional long pimple has a very soft yellow sponge which helps to absorb your opponent’s oncoming attack. Your ability to return services is made easier and more confusing as these pimples flex under impact.
Frustration
This uniquely designed slightly grippy long pimple can actually produce some spin. The reversal effect is still maintained when blocking and chopping against topspin. It's a good choice for players who can mix surprising attacking play.

Monster Classic
These long pimples are decisively different from any of the standard long pimpled rubbers with friction. Its combination of special pimple geometry, rubber formula and sponge enables aggressive blocking and counter attacking close to the table.

Phoenix
This long pimple with friction suits players who stay close to the table and block against topspin. Returns are kept low with some spin reversal obtained. Spin serves are returned with ease and push and float balls can be attacked.

Fighter
Versatile long pimple with friction provides excellent control for playing both near and away from the table in a classical defence style. Use the 1.2mm sponge if you want good attacking possibilities in aggressive pushing and countering over the table.

Friction Special 2
This long pimple rubber from Hallmark offers full friction but still gives a good level of disruption to the ball flight. It’s ideal for defensive players and for combination bat players who play punchy shots over the table.

Boomerang Classic
This long pimple with friction is ideal for classical defenders who chop everything but turn on the occasional surprise attack. It allows great spin reversal together with precise control. Powerful shots can be chopped back with a flat trajectory.

### Technical Specification:

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Long Pimples

**Destroyer**
This exceptionally designed unique long pimple is soft and specially shaped to get maximum effect. Use it for combating spin while pushing and chopping.

**755 Mystery**
This long pimple has a strange effect on the ball. Randomised spin and dead ball returns are its great promise. You can chop, hit and block with effective disturbance.

**Leggy Attack**
Do you engage in playing the obvious long pimple game but also turn on quick punchy attacks? Then this slim pliable pimple could make the difference. Good control from all table positions with smart disruptive returns.

**Cloud & Fog**
Designed for modern multi stroked long pimple players who enjoy surprise attacks mixed with confusing defensive play. Puzzling unexpected returns will baffle your opponent.

**C7**
This traditional rubber is suitable for players who play passively. Use it if you just want to get the spin back and constantly push, chop and float the returns.

**Leggy Defence**
For players who are less able to attack. This has good abrasive pimple tops, which maximise the contact with the ball and throws back lots of spin reversal with a destabilised trajectory.

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**Technical Specification: Long Pimple**

<table>
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<th>Product</th>
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order online at [www.tabletennisdirect.com](http://www.tabletennisdirect.com)  phone 01304 369 996
Blade Jargon

Blades are designed within playing types for a purpose. Once again let’s state the obvious no two players play exactly alike or have the same physical capacity. Plus there is the all important ‘feel factor’ to consider. Each player’s sensory awareness will vary dramatically. There are many subtle differences between the playing types which makes a blade appropriate for a particular player and playing style. Choose your blade carefully because it can either improve or detract from your playing ability.

Blade types explained

( OFF- OFF OFF - ALL+ ALL OFF+ )

OFF+ Uncompromising power/speed playing styles require the relevance of forcefulness attributed to these blades. These super fast blades deliver tremendous ball speed. Recommended for experienced offensive players who are prepared to require the relevance of forcefulness attributed to their own product range. OFF- This is the dominant choice for power/spin players. It’s an authoritative blade type benefiting the modern aggressive power spin game. The blade will be stiffer therefore increasing responsiveness. A high level of competence is required in the touch department. Players who are forceful loop drivers and counter blocking offensive styles require the speed that these blades can offer.

OFF - The majority of players are instinctively offensive, then they breakdown into speed/spin or spin/control offensive styles. This great medium paced blade type is aimed at the spin/control playing style. It offers the right balance of spin possibility and pace plus the required flexibility for superb touch play. The response potential for spin players with this blade type is quite finely tuned. Players who play at close quarters and at the mid-distance position are most suited to this category.

ALL+ This is the foundation blade type suitable for many playing styles. It is a very popular choice for active and assertive allround players. These blades are carefully adapted to deliver exceptional control combined with balance power. It is the perfect choice for resourcefully determined attacking players requiring a high control base with adequate speed.

ALL Allround blades provide a consistent balance of touch with sufficient speed. They are ideal for players who are competent in general stroke play. Players who like to mix controlled ball placement with less full on attacking play will benefit from the heightened feel these blades provide. Attacking defenders can also make use of this category.

DEF The defence style is born out of the traditional game of mainly chopping and pushing where the bat meets the ball with an open face and slices down the centre of gravity to a more beneficial position which is forward in the head of the blade. These blades weigh marginally less but become slightly top heavy when the rubber is attached. This benefits the physics of the stroke swing because the faster your blade head is moving at the bottom of your swing, the greater the amount of kinetic energy will pass from the blade head to the ball creating velocity. Of course there are many other elements required than just the swing to get the most velocity, arm speed, timing, and competence are equally essential.

Technical Specifications Explained

The blades are also dissected as follows. Technical specifications are supplied by the makers and should be used as subjective guidelines as they are judged against their own product range.

Type: DEF ALL+ ALL OFF- OFF OFF+ These abbreviated blade descriptions specify the playing style of the blade. To make it easy a descriptive symbol is next to each blade.

Speed The numerical factor provided should be used as a general guideline to the blades performance in rebound energy and responsiveness. Obviously a lower number will indicate better control/touch capabilities while higher speed factors signify less ball contact time so in turn highlights speed and reduces control. Be aware that excessive speed can decrease spin. Remember the blade speed factor does not stand alone when it comes to judging the overall playing possibilities of a complete bat.

Control This is the most difficult feature to explain because of the various materials used in the blades construction and without doubt no two players have the same exact ‘sensory feel’ or reaction. Each blade type will feel different even if it has the same numerical factor for control. You must not cross reference the numbers given for the different blade types.

Weight This is based on the average weight. Generally the average weight of most blades is around 85g. There is no specific favourite weight. How the balance of a bat feels depends on its centre of gravity. Conventional blades have a more central gravity position therefore have an evenly balanced top and bottom end. In recent years due to cavities, foam filled and other filled grips it has been possible to shift the centre of gravity to a more beneficial position which is forward in the head of the blade. These blades weigh marginally less but become slightly top heavy when the rubber is attached. This benefits the physics of the stroke swing because the faster your blade head is moving at the bottom of your swing, the greater the amount of kinetic energy will pass from the blade head to the ball creating velocity. Of course there are many other elements required than just the swing to get the most velocity, arm speed, timing, and competence are equally essential.

Blade Varnish Service

If you plan to regularly change the rubbers we recommend that the blade is varnished which will protect the blade surface from splintering and damage.

Cost: £5.00 per blade

Time scale: Generally allow 3 days for this service.

Take care of your blade!

- Use bat edge tape to help protect the blade and rubber edges.
- Remove rubber carefully from the blade.
- A blade is only made of wood. Accidental damage / breakage across the neck can be caused by hitting your bottom, leg or catching the table so take care.
“Kanter LIGHT” made with Balsa and Kiri-technology

The Kanter or canter as we know it is a controlled way of moving performed by a horse – faster than a trot but slower than a gallop! In table tennis we also have to use controlled movements between slow to fast known as gearing. Well that is the concept behind the development of the ‘KANTER SERIES’ it allows us to ebb and flow through the required touch, pace and yet forceful movement required for this highly technical game. Design with intent!

<table>
<thead>
<tr>
<th>Kanter ALL+</th>
<th>speed</th>
<th>Ctrl</th>
<th>Weight</th>
<th>Ply</th>
<th>Handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL+</td>
<td>85</td>
<td>96</td>
<td>66g</td>
<td>5</td>
<td>FL, AN, ST</td>
</tr>
</tbody>
</table>

This grounded design provides the basis for successful allround play. The 4.5mm thick balsa wood core offers a very soft feel yet solid feedback for blocks, counter and topspin shots. Plus the elevated ball control results in confidence in tight match situations. Its light feel supplies precision and impact to your strokes.

<table>
<thead>
<tr>
<th>Kanter Explorer OFF</th>
<th>speed</th>
<th>Ctrl</th>
<th>Weight</th>
<th>Ply</th>
<th>Handle</th>
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</thead>
<tbody>
<tr>
<td>OFF</td>
<td>93</td>
<td>94</td>
<td>85g</td>
<td>5</td>
<td>FL, AN, ST</td>
</tr>
</tbody>
</table>

We SO welcome back the newly improved EXPLORER blade! Classically reinvented! The superb balance and larger sweet spot design provides backup in forceful offensive playing situations. The fine grain veneer boosts optimal energy transfer when hitting through high power rallies while still providing ultimate touch.

<table>
<thead>
<tr>
<th>Kanter OFF+</th>
<th>speed</th>
<th>Ctrl</th>
<th>Weight</th>
<th>Ply</th>
<th>Handle</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF+</td>
<td>95</td>
<td>95</td>
<td>72g</td>
<td>5</td>
<td>FL, AN, ST</td>
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</tbody>
</table>

The Kanter OFF+ is powered by 7mm thick balsa wood and engineered for out and out high tempo attacking play. Its precision construction ensures no vibration so no control or power is lost when hitting the ball. Players with a penchant for speed will be convinced.

Technical Specification:

Note: Technical spec is the manufactures own as judged against their own products

Handle shapes
This diagram shows the choice of handle shapes available.
POWERED BY NATURE
Flaxonite is a new and interesting idea for blades. By mixing natural fibers which are stiff and tear resistant into a wooden blade what do you get! Successful advantages in the optimal balance between speed and control.

Flaxonite Driver OFF
The compelling fundamentals of design for the andro Flaxonite Driver results in a blade with optimal balance, pure feeling and most importantly less hard impact on ball contact. The use of the new natural fiber provides the exact solution for players who experience carbon blades as too hard and uncontrollable but want to benefit from superior feedback in fast responsive offensive play.

The advantages of this innovation are obvious:
- Light weight!
- Direct playing feel ranged in between solid and carbon blades!
- Optimal balance between speed and control!

Technical Specification:

<table>
<thead>
<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
<th>Ctrl</th>
<th>Weight</th>
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<tr>
<td>1 Flaxonite Driver OFF</td>
<td>OFF</td>
<td>94</td>
<td>94</td>
<td>85g</td>
<td>5</td>
<td>FL AN ST</td>
</tr>
<tr>
<td>2 Flaxonite Cruiser ALL+</td>
<td>ALL+</td>
<td>89</td>
<td>96</td>
<td>80g</td>
<td>5</td>
<td>FL AN ST</td>
</tr>
</tbody>
</table>

Note: Technical spec is the manufacturer's own as judged against their own products.

Flaxonite Cruiser ALL+
Andro Flaxonite Cruiser is designed for maximum versatility. No matter which shot you want to play the Flaxonite Cruiser will back you up. Passive strokes are supported by its excellent ball feel and high control, while aggressive and pin point strokes become very commanding during strong powerful rallies. The key to this forward thinking design lies in the natural fiber reinforcement placed around the core veneer. Unlike synthetic fibers it has the advantage of giving priority to the playing feel rather than making the blade feel hard.
The ‘CELL’ technology is more than just a grip.

It is also a new level of perfect harmonisation, optimisation and thickness of the veneers which fine-tunes the responsiveness of the blade. This is a key factor. When the ball rebound effect is intensified it succeeds in creating greater feed back on delivery and contact through the stroke. Andro through their new CELL development have managed to push the boundaries of blade technology to the next level. The handle’s foam chamber is divided into small cells resulting in more precise absorption of vibration and creating counter-energy for the next stroke. It also features 360° veneer edge protection, which prolongs the durability of the blade’s edge.

SuperCore CELL ALL

Compared to conventional allround blades the CELL ALL is distinctive in its responsiveness due to the slightly thicker inner veneers, which makes it more robust. The veneers have been specifically selected to maximise control when balls are not hit precisely. You will feel in control when using a wide range of modern stroke variations and because of the well-balanced weight, recovery is quick and effortless. This is an ideal choice for players who exploit good allround play.

SuperCore CELL ALL+

This 7-ply Allround Plus blade is a powerful allround design due to the strengthened fibre layer construction. You will be impressed with this blade because every ball will feel like it has been hit out of the centre of the blade - perfectly. The unique mix of thinner plies within the blade results in a very soft feel over the table for touch control. The Cell grip adds more continuity of contact and transmits more direct power through the shot. This blade will deliver a high flying curved trajectory, which is very forgiving in miss hitting situations. An exceptional blade choice for active allround players.

SuperCore CELL OFF-

The CELL OFF combines the power of an offensive blade with the fantastic feeling of an Allround + blade – therefore it is the ideal choice for many players. This is a relatively fast blade with superb control features. It will enable you to comfortably block without the loss of speed especially in passive play and yet changing over to active top spins happens easily because of the high speed base. The innovative small cells within the grip are filled with special foam to maximise the feeling for the ball and further help to decrease the error rate for strokes hit under time pressure. The perfect blade for the offensive players.

SuperCore CELL OFF

Choose this blade for a fantastic composition of balanced speed and control. The thin outer veneers have a particularly positive impact in this OFF version and create a higher rebound effect. The special SuperCore CELL grip and the higher ball bounce allow well-placed accurate strokes even when played from half-distance or full stretch. Compared to other offensive blades the balls flying curve is significantly higher and therefore easier to manage in pressure play. The low weight takes the strain away from the arm and wrist movement for quicker stroke manipulation and recovery. This is a very positive choice for the variable offence playing style.

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The SuperCore CELL OFF+ is a very fast offensive blade, yet it is easy to play with. It requires the player’s full commitment to completely activate the blade’s speed resources. The very good elasticity and control clearly provides more power in every driven ball. The strengthened fibres of the 7-layered veneer construction releases energy more efficiently in high level play. Even balls that are not hit in the centre will be equipped with sufficient power because of the bigger sweetspot – recommended for a very offensive playing style.

### Technical Specification:

<table>
<thead>
<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
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<th>Weight</th>
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<td>FL AN ST</td>
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<tr>
<td>Cell ALL+</td>
<td>ALL+</td>
<td>84</td>
<td>97</td>
<td>80g</td>
<td>7</td>
<td>FL AN ST</td>
</tr>
<tr>
<td>Cell OFF-</td>
<td>OFF-</td>
<td>87</td>
<td>96</td>
<td>80g</td>
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<td>94</td>
<td>85g</td>
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</tr>
<tr>
<td>Cell OFF+</td>
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<td>94</td>
<td>93</td>
<td>85g</td>
<td>7</td>
<td>FL AN ST</td>
</tr>
</tbody>
</table>

Note: Technical spec is the manufacturers own as judged against their own products.
CS 5: SUPER LIGHTWEIGHT

This newly designed ‘Christian Süss’ blade range is exceedingly well balanced in its weight distribution even though the design features a Super Lightweight feel. The advantages shine through in arm speed technique.

# CS 5 ALL+

Allround blades developed by andro have an excellent reputation and the CS 5 ALL+ joins this category. The robust centre ply is thick compared to common allround blades providing stability. It is very precise in blocking as well as hard offensive strokes. We found that the overall touch was quite unique and offered solid power. It is a stunning blade that will convince players who rely on great control.

# CS 5 OFF+

This is a spirited offensive blade that is ideal for the ultra modern offensive playing style due to its huge speed reserves. It allows you to start sudden and aggressive offensive actions and enables you to enforce speed whenever you want it. Limba and Ayous as intermediate and outer plies are responsible for its stability while also supporting variable topspin styles. It’s highly dynamic but still offers precise ball control.

# CS 5 OFF-

The features that characterize a high quality offensive minus blade are within this model. We want high control but still enough power to bring on our powerplay also we do not want our touch play to be destabilised. This blade’s structure holds that secret. It offers a very harmonious playing feel and works as a catapult for your powerplay if you are about to speed up the game.

# CS 5 OFF

Modern, powerful with excellent feeling are the three attributes that describe the CS 5 OFF perfectly. The core consists of 3mm Kiri which provides that particular feeling for over the table play. Furthermore it proves itself through its constant high control allowing even sub-optimal hitting points to deliver good feedback. When we tested it we encountered very positive characteristics for attacking play. This will be the optimum choice for offensive players.

**Technical Specification:**

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<td>CS 5 OFF-</td>
<td>OFF-</td>
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<td>96</td>
<td>82g</td>
<td>5</td>
<td>FL AN ST</td>
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<tr>
<td>CS 5 OFF</td>
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<td>92</td>
<td>95</td>
<td>82g</td>
<td>5</td>
<td>FL AN ST</td>
</tr>
<tr>
<td>CS 5 OFF+</td>
<td>OFF+</td>
<td>94</td>
<td>95</td>
<td>82g</td>
<td>5</td>
<td>FL AN ST</td>
</tr>
</tbody>
</table>

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Handle shapes
This diagram shows the choice of handle shapes available.

FL = FLARE  AN = ANATOMICAL  ST = STRAIGHT

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# TREIBER CARBON BLADES DRIVEN BY TECHNOLOGY

Every Treiber blade is designed with a different premium carbon fibre providing every blade with a unique character.

## Technical Specification:

<table>
<thead>
<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
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<td>96</td>
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<td>Treiber Z</td>
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<td>93</td>
<td>88g</td>
<td>5+2</td>
<td>FL_ST</td>
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<tr>
<td>Treiber Q</td>
<td>OFF</td>
<td>99</td>
<td>92</td>
<td>90g</td>
<td>5+2</td>
<td>FL_ST</td>
</tr>
</tbody>
</table>

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### Treiber H

The H is a spin focused design. The high-tech synthetic H-fibre is positioned to make this an exceptionally touch positive blade. Players who take the initiative right from service return attack followed by big spin orientated strokes will experience the advantages of this resourceful design. Powerspins and forceful driving strokes are possible from any position due to the enormous ball touch and control.

### Treiber K

The K is focused on the dynamic aspects of powerplay table tennis. The complex mixture of the newly developed K-fibre generates dynamic power for topspin strokes and merges corrective responses for not so perfectly hit balls. Plus disturbing vibrations through wrongly hit balls are completely absorbed. What you experience is a sensitive impact never losing its control. The energy source enables you to drive your opponent into error.

### Treiber Z

The Z stands out because of its unusual structure. It not only uses Z carbon fibre for high performance but also includes Hinoki Wood for amazing touch and a variable high power spin attack game. It concentrates on dynamic aspects and extraordinary ball-feeling for playing solid blocks or heavily spin driven drives. The super balance and special centre of gravity enables you to direct the ball to its target easily.

### Treiber Q

The Q carbon is a true winner. This blade concentrates on the dynamic and exciting aspects of the modern game. Through the use of fibre-reinforced plywood and a firmer carbon fibre the blade’s sweet spot is entirely accentuated and geared up for positive energy driven attacking play. Maximum control and feel allows you to pack a punch into offensive shots without feeling vibrations and energy loss!
### Carbon Light ALL+

Exact ball placement is an easy task for this high-class allround plus carbon blade. Penetrating allround play must be backed up by unrivalled touch. With your allround tactic you can build the rally under control then switch to offence with ease. Feedback comes from the “Super Core Grip” technology so there will be no pressure when reverting to pushing tactics. The lightweight feel eases stroke recovery and benefits stroke timing.

THE FEATURES
- Super lightweight 70g blade
- Despite the light mass the blades provide high acceleration
- Highly elastic super thin carbon fibres provide a big hitting zone
- The carbon fibre mix guarantees greater stiffness
- The Super Core grip absorbs vibration impacts and provides stability

### Technical Specification:

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<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
<th>Ctrl</th>
<th>Weight</th>
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<th>Handle</th>
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<tr>
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<td>ALL+</td>
<td>86</td>
<td>95</td>
<td>70g</td>
<td>3+2</td>
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<tr>
<td>Carbon Light OFF</td>
<td>OFF</td>
<td>93</td>
<td>93</td>
<td>70g</td>
<td>3+2</td>
<td>FL AN ST</td>
</tr>
</tbody>
</table>

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### Carbon Light OFF

This is a very adaptable and compensating offensive carbon blade. Players report that they like the benefit of the exactness that the lightweight feeling for quick recovery play offers them. The wood and carbon composition combines perfectly to provide balance in power and touch while the “Super Core Grip” intensifies control. The center of gravity is pushed off centre which puts more drive into your loops for forceful offensive play.

Handle shapes: This diagram shows the choice of handle shapes available.

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FL = FLARE  AN = ANATOMICAL  ST = STRAIGHT

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Icon Sensitec
Sensitive, light and well balanced allround blade for enthusiastic players who play a wide range of spin strokes, without loss of precision and power! Additionally, this blade provides great security and lots of effectiveness in short exchanges in the passive game. For players who emphasis control play.

Xeon Sensitec
Responsive offensive blade, the Xeon was primarily designed for an adaptable attacking game delivering sufficient feel for effectiveness in driving, blocking or serving. It’s perfectly balanced in speed and control and suits offensive players who play hard. The integrated SENSITEC handle ensures controlled play.

Sigma Sensitec
The SIGMA blade is fast due to the remarkable and unique bonding system. Very precise and powerful strokes are possible because the blade head can respond independently due to the integrated Sensitec handle design allowing full catapult action. It has very commanding control in high power rallies.

Technical Specification:

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<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
<th>Ctrl</th>
<th>Weight</th>
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<td>Xeon Sensitec</td>
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<td>FL</td>
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<tr>
<td>Sigma Sensitec</td>
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<td>90</td>
<td>70</td>
<td>85g</td>
<td>5</td>
<td>FL</td>
</tr>
</tbody>
</table>

Note: Technical spec is the manufacturers own as judged against their own products.
This great blade concept is an icon of its generation and is loved by players everywhere. It provides spin sensitive offensive players with superb blade feel for confident looping play all around the table. Now featuring the new comfortable SGS grip system which supplies superior levels of feedback for fast responsive play.

**IV-S SGS**

This great blade concept is an icon of its generation and is loved by players everywhere. It provides spin sensitive offensive players with superb blade feel for confident looping play all around the table. Now featuring the new comfortable SGS grip system which supplies superior levels of feedback for fast responsive play.

**Samsonov Alpha SGS**

Put power behind you loop drives and smashes with this remarkably improved offensive blade. Not suited to timid offensive styles! If you commit your game plan to optimal speed and constant attack, this 5 ply design with extraordinary ball control will do the business. Now featuring the new comfortable SGS grip system for superior levels of feedback in fast play.

**Samsonov Carbon SGS**

If you rank speed and aggressiveness in your game as top priority then this superbly designed blade is for you. Its base concept comes from the iconic IV-S blade with the remarkable difference coming from the newly integrated carbon plies. The result is an amazing offensive blade that is not too stiff and has a power reserve to drive high performance play with control.

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**Technical Specification:**

<table>
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<tr>
<th>Product</th>
<th>Type</th>
<th>Speed</th>
<th>Ctrl</th>
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<tr>
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<td>65</td>
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<td>5+2</td>
<td>FL AN ST</td>
</tr>
</tbody>
</table>

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**Sponge-Grip-System**

- Grip has integrated sponge
- comfort grip system
- intensified feedback stimulus

---

**Order online at** www.tabletennisdirect.com **phone 01304 369 996**
This IVL Balsa blade is a superior allround blade of the newest generation. It has principally been made for players who are looking for plenty of control. The clever mix of wood types delivers both a soft and fast feel which benefits a wide repertoire of active and passive strokes. The blade centre is constructed with balsa making this blade very light with exceptional touch.

**Technical Specification:**

<table>
<thead>
<tr>
<th>Product</th>
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<td>Chila Offence</td>
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<td>85</td>
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<td>FL AN ST</td>
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</table>

**Note:** Technical spec is the manufacturers own as judged against their own products.
add an ‘Advantage’ to your game!

Carbonado 190
Carbonado 190 is constructed with the uniquely special TeXtreme® Spread Tow Carbon which is flexible in only one direction, either flexural or torsional, making it possible in the manufacturing process to adjust and improve the ball trajectory and speed to accommodate playing styles. The longer flatter trajectory makes it an excellent choice for players who want to dominate play with high speed strokes.

Technical Specification:

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</table>

Note: Technical spec is the manufacturers own as judged against their own products.

Carbonado 145
Carbonado 145 is constructed with the uniquely special TeXtreme® Spread Tow Carbon in a 45 degree angle with torsional bend-ability which gives the blade more flexibility and increased stiffness. The high trajectory makes it a perfect choice for offensive players who look for good speed and stability combined with excellent control because of the enlarged hitting zone.

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**Allround Classic Carbon**

How to make an iconic allround blade even better – make a carbon version of it! That’s exactly what Stiga did. So here is the vastly improved blade which now includes two carbon layers resulting in extra stability when attacking and provides more speed by giving your power-allround game that extra edge!

**Offence Classic Carbon**

How to make an iconic offensive blade even better – make a carbon version of it! That’s exactly what Stiga did. We can confirm that the Offensive Classic is definitely a hall of fame blade! But now that it includes two carbon layers it is elevated in it’s capacity to a truly exciting power play blade that will give your game that extra edge!

**Infinity VPS V**

“Diamond Touch” technology gives the outer veneers extra hardness and an incredibly smooth finish then combined with the VPS technology (Veneer Precision System) the result is an offensive lightweight blade with an outstanding solid touch. Developed together with top Chinese National Team players, the Infinity VPS V suits powerful topspin stroke players!

**Emerald VPS V**

The Emerald VPS V – with Diamond Touch is a lightweight offensive blade built around two hand-selected middle veneers that are specially temperature treated. This process gives the blade a unique stability and combined with the new green Ebenholz wood outer veneers offers sensational touch. Demanding players who insist on speed combined with control will take notice. Plus Diamond Touch technology makes for superior hardness for powerful playing styles.

### Technical Specification:

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<tr>
<th>Product</th>
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</table>

**Note:** Technical spec is the manufacturers own as judged against their own products.
Allround Classics!

1. Allround Classic
   - Very few blades achieve CLASSIC status! This was first introduced in Sweden in 1967 and since then it has been the measuring instrument of quality and workmanship for serious players around the world. Numerous International titles have been won using this blade. It mixes the perfect characteristics of feel, speed and control. A fantastic allround blade which we highly recommend!

2. WRB Allround Classic
   - The allround classic blade now benefits from the WRB (Weight Ratio Balance) System grip, which produces extra touch and added speed. Players who look for the perfect combination of feel and balanced power will stretch the potential of this blade. The low weight ratio assists quick stroke recovery and adds more vitality to driving shots.

3. Allround Evolution
   - This is an advanced design based on the legendary Allround Classic blade but with extra speed due to the harder middle veneer. This combination of different veneers creates an easy feel blade that offers a perfect mix between speed and control. Allround power players appreciate the delicate balance between power and touch.

4. WRB Energy Wood
   - The Energy Wood is a progressive reconstruction of the idea which made the Allround Classic great. It was created using a unique combination of veneers, which have undergone a special drying process. This improvement produced a light feeling blade with perfect energy reserve for controlled and balanced attacking play.

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<td>FL AN ST</td>
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</table>

Note: Technical spec is the manufacturers own as judged against their own products.
**NCT Allround Wood**
The world renowned Allround Classic blade has been improved. The improvements are derived from research into ‘Nano Composite Technology’ so you will feel the difference. Due to this pliable technology, the crucial balance between speed, weight and control is outstanding. You will hit the ball harder and deliver the ball better without any sacrifice in control. Feel confident and just choose this blade for great power in allround play.

**NCT Hybrid Wood**
This blade is fast and intense when required but displays tremendous touch during high speed play. The NCT Technology blends all the important elements required for a modern offensive game. The construction technique designed for this blade delivers unmatched strength to weight ratio for better stability and increased power. It has been engineered for high performance due to the specially treated NCT surface.

**NCT Offence Wood**
The world famous Offence Classic blade has had a make over! Due to the addition of NCT Technology now all of its loved qualities have been improved. The key to great offensive play is to use a blade that supplies the required amount of speed when demanded but to otherwise ensure that over the table play is not comprised. It will suit unconditional attackers.

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*Note: Technical spec is the manufacturers own as judged against their own products.*
On the following 2 pages we have gathered together the cream of the crop of defensive blades.

If you are a fantastic chopper or clever pusher with strong intermittent attacks or maybe even a big retriever from far behind the table you will find the blade that suits your particular defence game. These defensive blades are remarkable and have greatly improved features. They combine carbon fibre, balsa, glass fiber and different wood types which will lend a big hand to your specific defensive style.

### Technical Specification:

<table>
<thead>
<tr>
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<td>104</td>
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<td>5+2</td>
<td>FL ST</td>
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</table>

Note: Technical spec is the manufacturers own as judged against their own products.

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### About - Defence Blades

**Fibercomp Def**

This is such a great design for combination bat players. It is purposeful for long pimple players who are effective when twiddling. When using it with long pimples you will easily play dangerous stop blocks right behind the net and deliver a high disruption from your cutting strokes. This finely tuned weapon makes it easy to switch to attack and is definitely a magic weapon for defenders.

**Parade Defence**

There are not enough noteworthy defence blades available so Andro’s research team worked tirelessly to develop this notable new addition. The thin and extremely fine blade construction enables precise and dreamlike counters against topspin attacks. Every aspect of how a defensive player uses his blade has been optimised from the measurement of the grip to the overall length versus width relationship of the blade for perfect function.

**Andro Defcon Carbon**

This is the ultimate defensive blade for the classic defender who tries to interrupt the opponent’s rhythm through targeted attacking shots mixed with defence. In order to counter opponent’s attacks everything must add up. The Defcon design mixes synthetic fibers layers to add concise stroke-impact without shooting up the speed values. The most important feature is an exceptionally intense ball feeling highlighted by the solid impact in attack.

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Defence Blades

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<table>
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<tr>
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<td>80g</td>
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Defence is a very demanding game style it requires equipment designed to respond effectively under frantic attacking conditions. Delicate touch play combined with capability in attack is a fine balancing requirement. This blade encapsulates these features. The moderately hard blade supplies attacking pace while the slightly bigger head copes superbly with away from the table defensive play.

Now Stigas ‘Nano Composite Technology’ is benefiting defensive play. You need to be active and inventive when playing a multi stroked defensive game. It’s no good just chopping you have to intersperse the play with strong attacking tactics. This blade ensures that you have the power and control for the modern defense game.

This effective ultra lightweight defensive blade is slow and dependable. It works well for defenders who do not like too much speed. So if you like to play a balanced defensive style game of pushing and chopping with not too much activity this is the blade for you.

Highly suitable for the reactive defensive game where positive attacking play is mixed with classic defensive strokes. This lightweight blade construction has great touch due to the glass fiber plies which induce a longer contact time with the ball. The cross-cut balsa provides a catapult effect which is an advantage during attack play.
1. **Tibhar Smash Net & Post Set**
   - World class and ITTF approved. This is a strong steel design with large fastening screws. Available in Green or Blue.

2. **Tibhar Clip Net & Post set**
   - This is a strong steel 'clamp on' design which allows quick and easy assembly. Available in Green or Blue.

3. **Tibhar Hobby Net & Post set**
   - Ideal for hobby/leisure use. This is a robust steel ‘clamp on’ design which allows quick and easy assembly.

4. **Tibhar Smash or Clip Spare Net**
   - Available in Green or Blue.

5. **Tibhar Point Counter**
   - Foldable plastic covered board with fasteners.

6. **Tibhar Compact Point Scorer**
   - Integral solid storage box with hinges.

7. **Tibhar Table Surrounds**
   - Strong steel frame with PVC material.
   - Size: L 2.33m x H 70cm. Colour: Green or Blue.

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