

TENNIS  
SOFT TENNIS  
BADMINTON  
**2022**

**GOSEN®**

ALL GOSEN strings are produced by our own factory in Japan,  
certified under ISO9001 and ISO14001 (No.JQA-QM9766 & JQA-EM4701)

**GOSEN CO.,LTD.**

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<http://www.gosen.jp/eng/>



 **GOSEN Tennis Global**



 **GOSEN Badminton Global**



**GOSEN®**



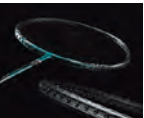
# BEYOND THE POSSIBLE

## MADE IN JAPAN

GOSEN is the pioneering company for racket strings  
in Japan since 1951.

At a time when natural gut dominated the Japanese market,  
GOSEN developed its first synthetic strings.  
Since then, the performance and quality of the strings  
have been recognized, and they have been used  
by many users not only in Japan but also throughout the world.

We have been making bold efforts to develop strings  
superior to natural ones in line our ruling passion and  
development policy, expressed through our motto:  
"Create products filled with originality".



BADMINTON  
RACKET

03



STRING

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SHUTTLECOCK

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TENNIS  
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STRINGING  
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# Gungnir



## NEO - VARIANT FRAME

Special dimpled frame provides unprecedented sharp feeling and crisp shots.



DIMPLED FRAME WITH RIGID SHAFT CONDUCTS YOUR SWING POWER DIRECTLY TO SHUTTLECOCK.

GREEN(GR)



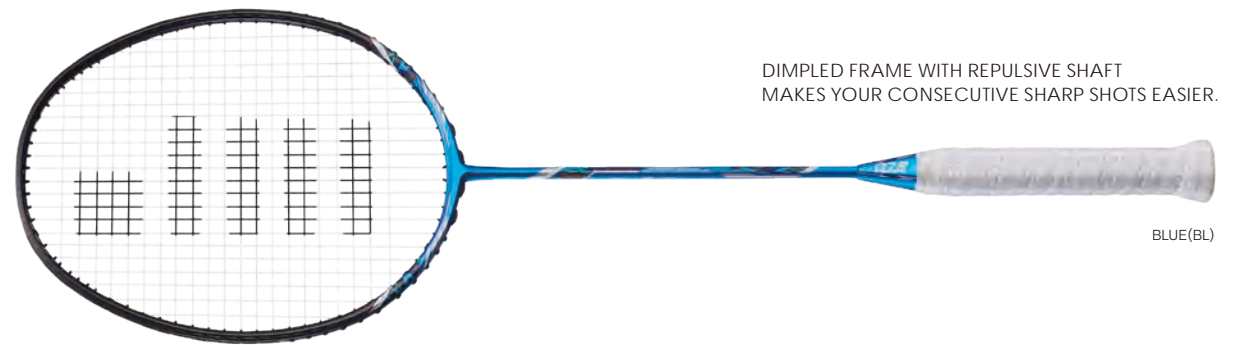
FLEX  
SOFT HARD

SWING BALANCE  
TOP LIGHT TOP HEAVY

BGG08S

GUNGNIR 08S

MATERIAL : TRIAXIAL CARBON / M30  
GRIP SIZE : G5  
WEIGHT : 84g ±



DIMPLED FRAME WITH REPULSIVE SHAFT MAKES YOUR CONSECUTIVE SHARP SHOTS EASIER.

BLUE(BL)



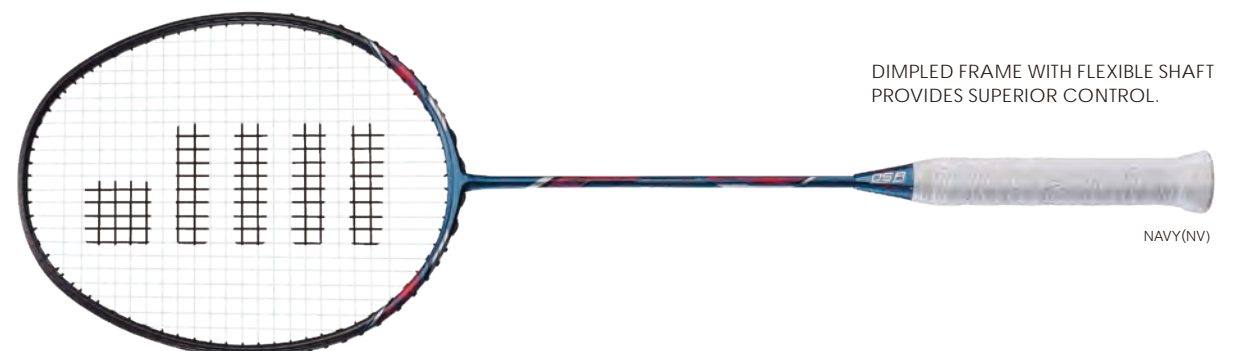
FLEX  
SOFT HARD

SWING BALANCE  
TOP LIGHT TOP HEAVY

BGG07R

GUNGNIR 07R

MATERIAL : TRIAXIAL CARBON / M30  
GRIP SIZE : G5  
WEIGHT : 82g ±



DIMPLED FRAME WITH FLEXIBLE SHAFT PROVIDES SUPERIOR CONTROL.

NAVY(NV)



FLEX  
SOFT HARD

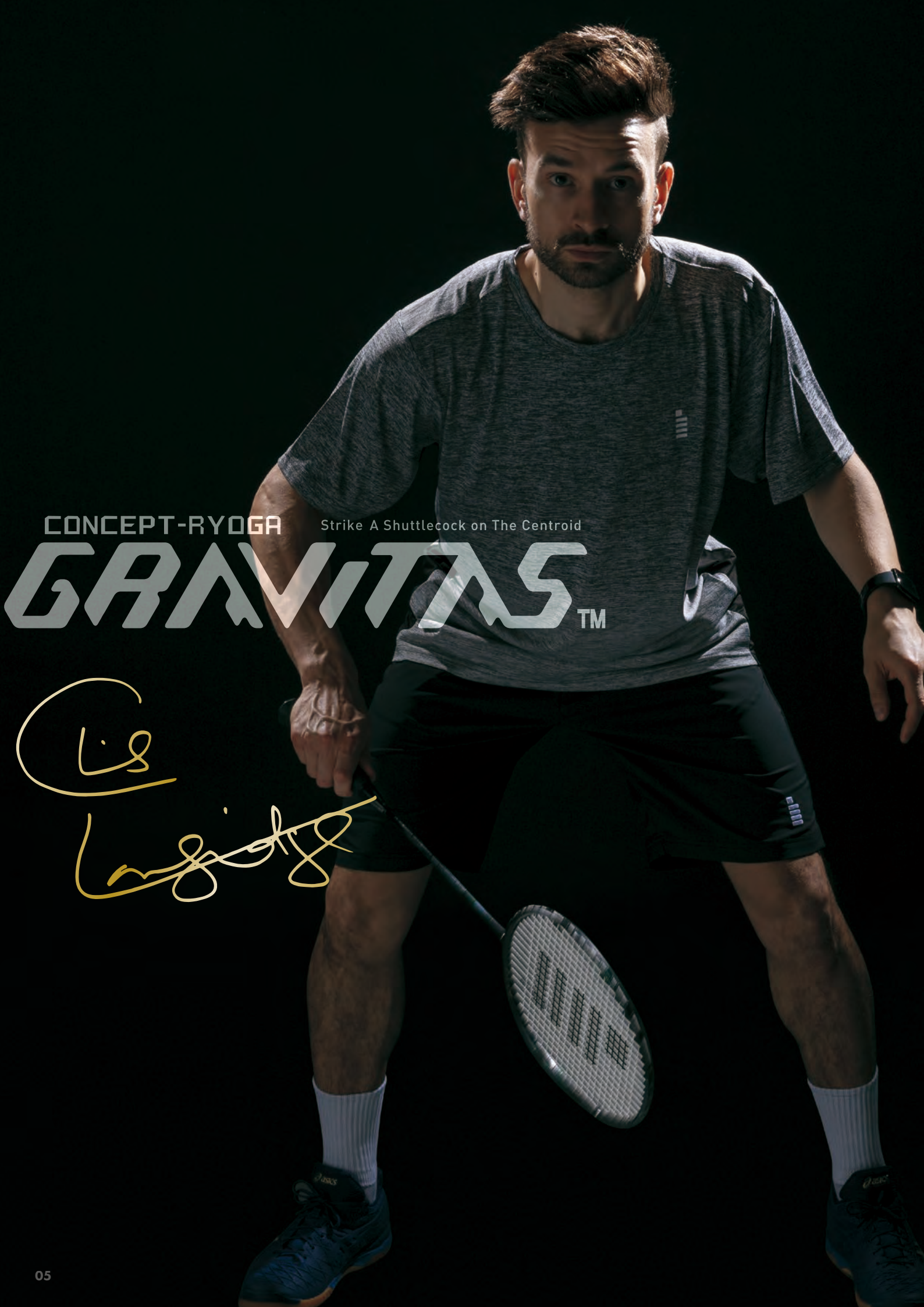
SWING BALANCE  
TOP LIGHT TOP HEAVY

BGG05A

GUNGNIR 05A

MATERIAL : TRIAXIAL CARBON / M30  
GRIP SIZE : G6  
WEIGHT : 81g ±





CONCEPT-RYOGA

Strike A Shuttlecock on The Centroid

GRAVITAS™

Li Xia



BLACK(BK)

MID BALANCE 4U DESIGN +  
RIGID SHAFT FOR PROFESSIONAL PLAYER.

BGV90SX

GRAVITAS 9.0SX C.L.

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL / M30

GRIP SIZE : G5

WEIGHT : 83g ±



FLEX  
SOFT HARD

SWING BALANCE  
TOP LIGHT TOP HEAVY

※PYROFIL™ is the trademark MITSUBISHI CHEMICAL CORPORATION.

BADMINTON

TENNIS

ACCESSORIES

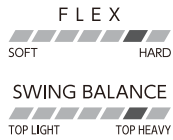
STRINGING MACHINE





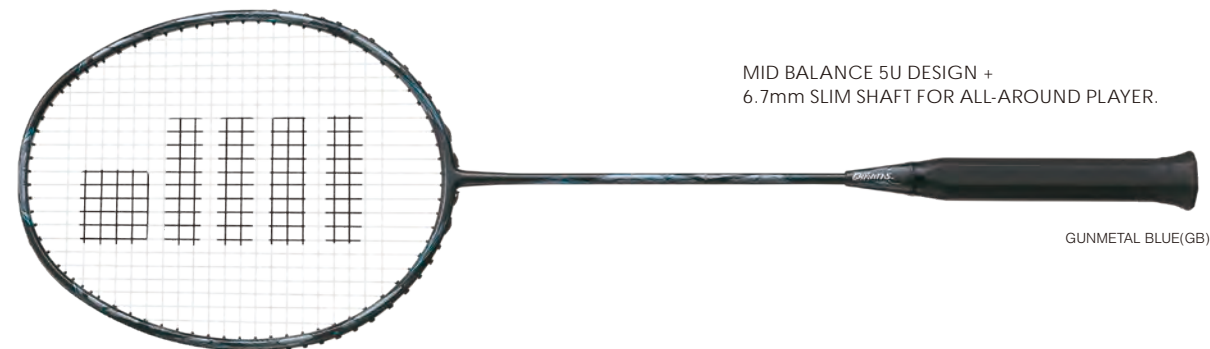
TOP HEAVY 4U DESIGN +  
RIGID SHAFT FOR POWER PLAYER.

GUNMETAL RED(GR)



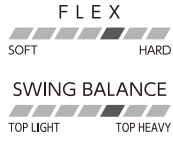
**BGV85SX**  
**GRAVITAS 8.5SX**

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL / M30  
GRIP SIZE : G5  
WEIGHT : 83g ±



MID BALANCE 5U DESIGN +  
6.7mm SLIM SHAFT FOR ALL-AROUND PLAYER.

GUNMETAL BLUE(GB)



**BGV75SR**  
**GRAVITAS 7.5SR**

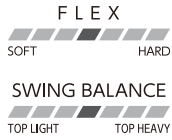
MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL / M30  
GRIP SIZE : G5  
WEIGHT : 78g ±



Standard carbon racket.  
Easy to swing with a compact frame.

RED(RE)

YELLOW(YE)



**MGV85**  
**GRAVITAS 85R**

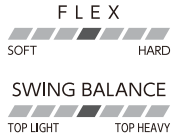
MATERIAL : HIGH MODULUS CARBON  
GRIP SIZE : G5  
WEIGHT : 85g ±



Standard carbon racket.  
Easy to swing with a compact frame.

GREEN(GN)

ORANGE(OR)



**MGV80**  
**GRAVITAS 80R**

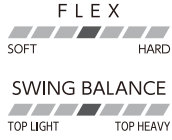
MATERIAL : HIGH MODULUS CARBON  
GRIP SIZE : G5  
WEIGHT : 80g ±



Standard carbon racket.  
Easy to swing with a compact frame.

BLUE(BL)

PINK(PI)



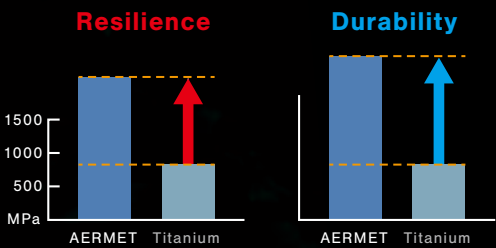
**MGV75**  
**GRAVITAS 75R**

MATERIAL : HIGH MODULUS CARBON  
GRIP SIZE : G5  
WEIGHT : 75g ±



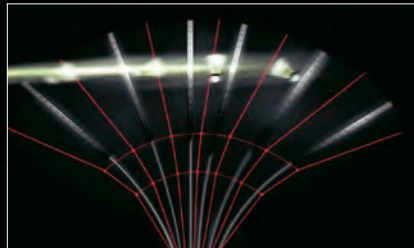
MATERIAL  
AERMET

A material that was first introduced in our own string and now in our rackets, AERMET is a stronger and more powerful than the traditional TITANIUM. It's high resilience, hard feel, tenacity and durability makes it the perfect material to be used in rackets sports.

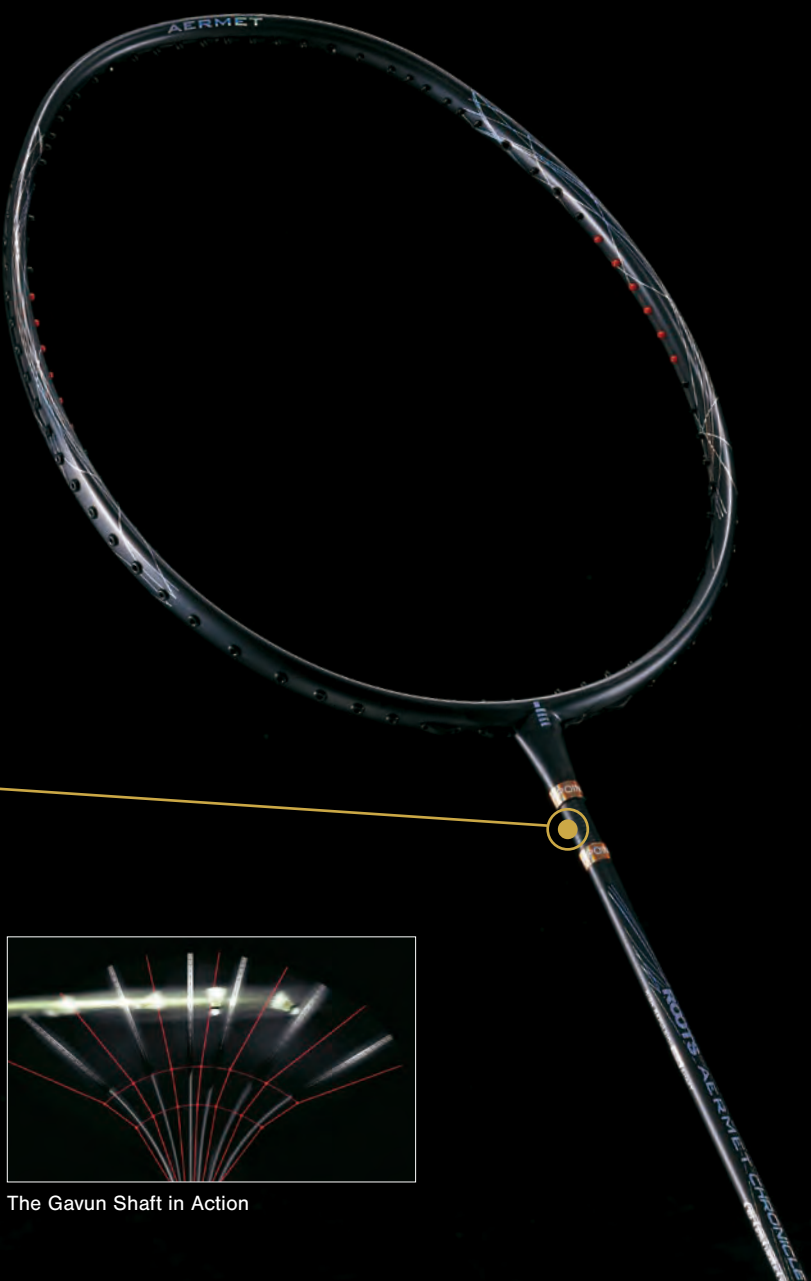


GAVUN SHAFT

"The ROOTS AERMET" racket incorporates a two kick-point system known as the Gavun Shaft. The first point is the joint area between the shaft and the frame, and the second point is just below on the shaft itself. When a shuttlecock hits the frame, the shaft bends at those two points. This action is similar to a player's arm when they throw a ball. As a result, the power applied to the shuttlecock is increased, allowing it to pierce the opponent's court in one swift action.

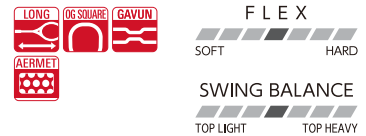


The Gavun Shaft in Action



SUPER RESILIENCE WITH ELEGANT DESIGN FOR ELITE PLAYER.

BLACK(BK)



BRACE  
ROOTS AERMET CHRONICLE EX

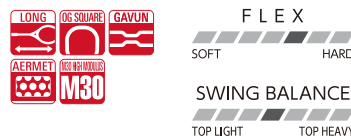
MATERIAL : High modulus carbon  
GRIP SIZE : G5/G6  
WEIGHT : 83g ±

ROOTS



WELL BALANCED SPEC WITH GAVUN SHAFT CREATES CONSECUTIVE SHARP SHOTS.

GOLD(GD)



BRAGL  
ROOTS GOLDLEX

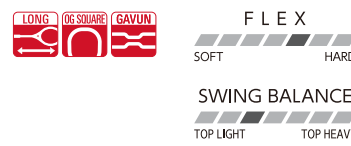
MATERIAL : High modulus carbon / M30  
GRIP SIZE : G5/G6  
WEIGHT : 81g ±



WIDE SWEET SPOT AND SLIM FRAME INCREASE THE ACCURACY OF YOUR SHOT.

BLACK GREEN (BG)

BLACK ORANGE (BO)



BRBX8  
ROOTS BEAT X80

MATERIAL : High modulus carbon  
GRIP SIZE : G6  
WEIGHT : 81g ±

BADMINTON

TENNIS

ACCESSORIES

STRINGING MACHINE



# THE MATT BLACK&RED

INFERNO® SMART

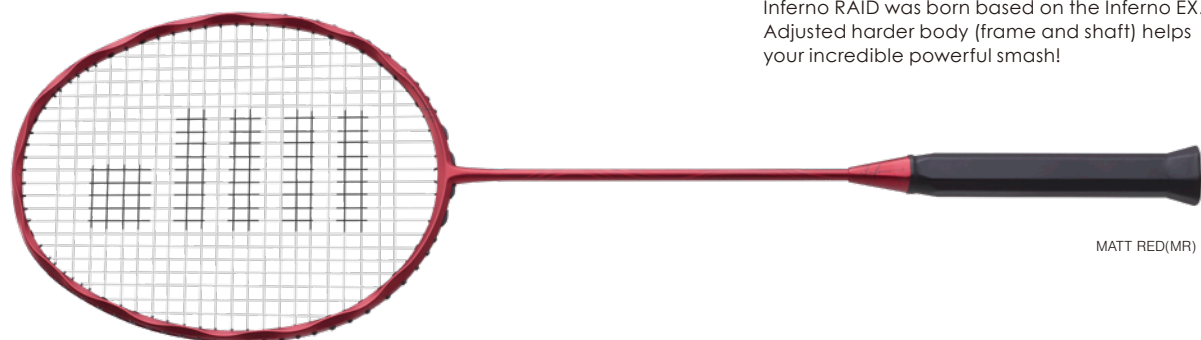
INFERNO® RAID

## INFERNO FRAME

Excellent strength special structure that combines strength, power, and control. The Inferno frame's structural strength is 13% improved from conventional frames, and its torque and surface stability are also outperforming the average frame.

	Durability (Frame)	Maximum torque	Surface stabilised
INFERNO	113	106	107
GOSEN conventional racket	100	100	100

Tested by Gosen Co., Ltd.

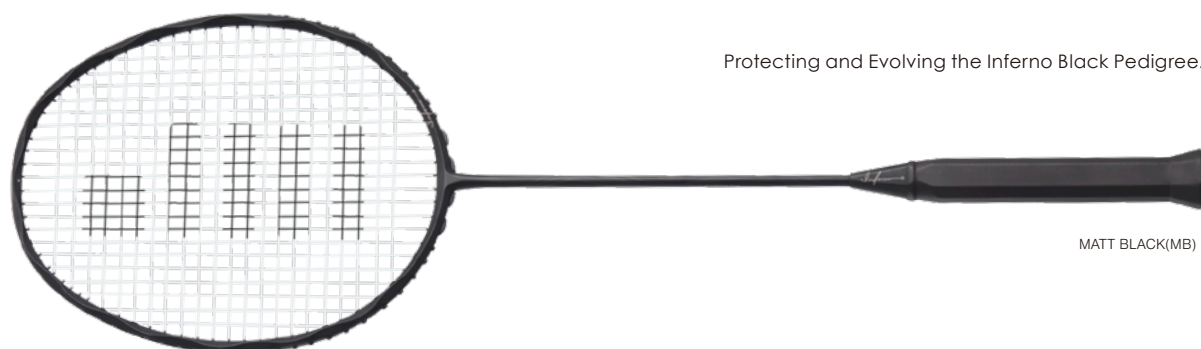


Inferno RAID was born based on the Inferno EX. Adjusted harder body (frame and shaft) helps your incredible powerful smash!

MATT RED(MR)

## NEW BRIFRD INFERNO RAID

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL /  
High modulus carbon / M30  
GRIP SIZE : G5  
WEIGHT : 86g ±

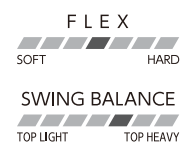


Protecting and Evolving the Inferno Black Pedigree.

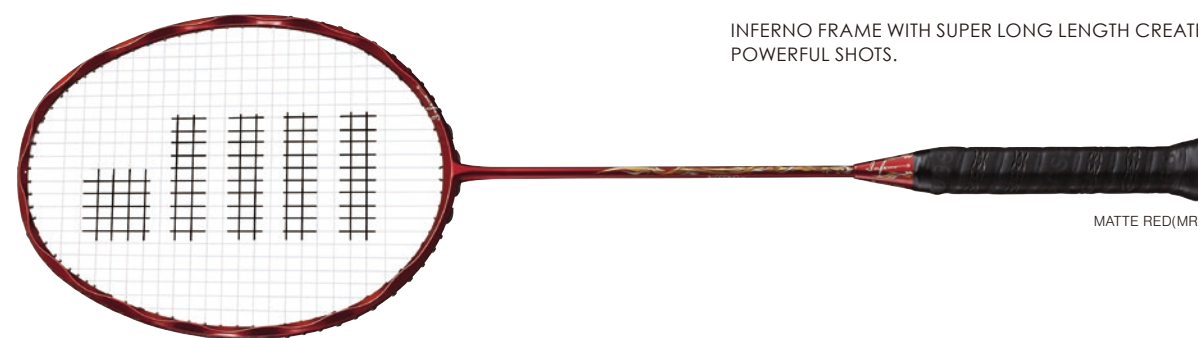
MATT BLACK(MB)

## NEW BRIFSM INFERNO SMART

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI  
CHEMICAL / High modulus carbon / M30  
GRIP SIZE : G6  
WEIGHT : 82g ±



Inferno®

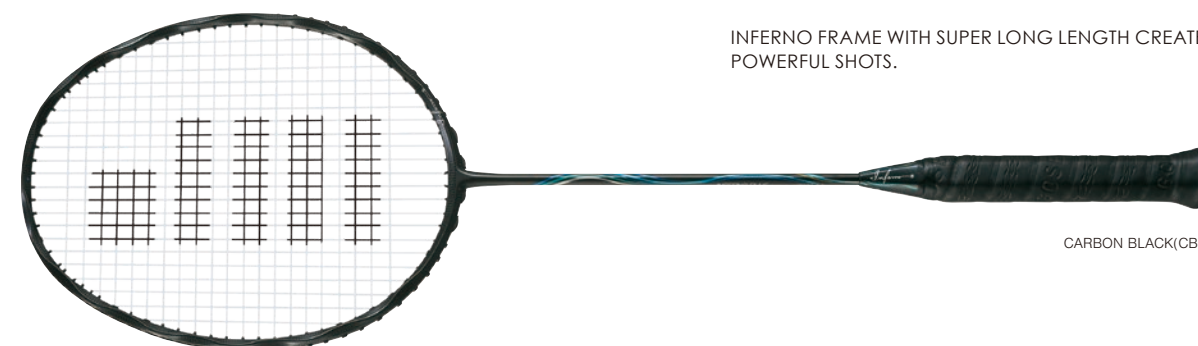


INFERNO FRAME WITH SUPER LONG LENGTH CREATE POWERFUL SHOTS.

MATTE RED(MR)

## BRIFEX INFERNO EX

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL /  
High modulus carbon / M30  
GRIP SIZE : G5  
WEIGHT : 86g ±

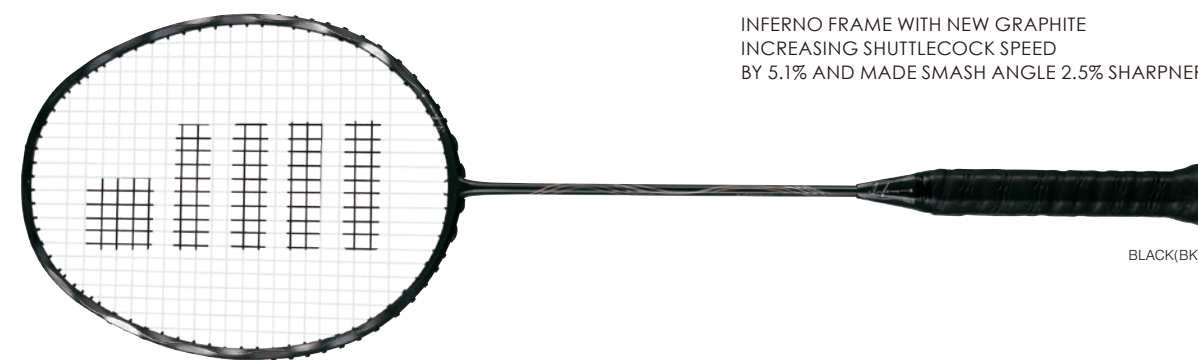


INFERNO FRAME WITH SUPER LONG LENGTH CREATE POWERFUL SHOTS.

CARBON BLACK(CB)

## BRIFPS INFERNO PLUS

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL /  
High modulus carbon / Plain weave carbon / M30  
GRIP SIZE : G5/G6  
WEIGHT : 83g ±



INFERNO FRAME WITH NEW GRAPHITE INCREASING SHUTTLECOCK SPEED BY 5.1% AND MADE SMASH ANGLE 2.5% SHARPER.

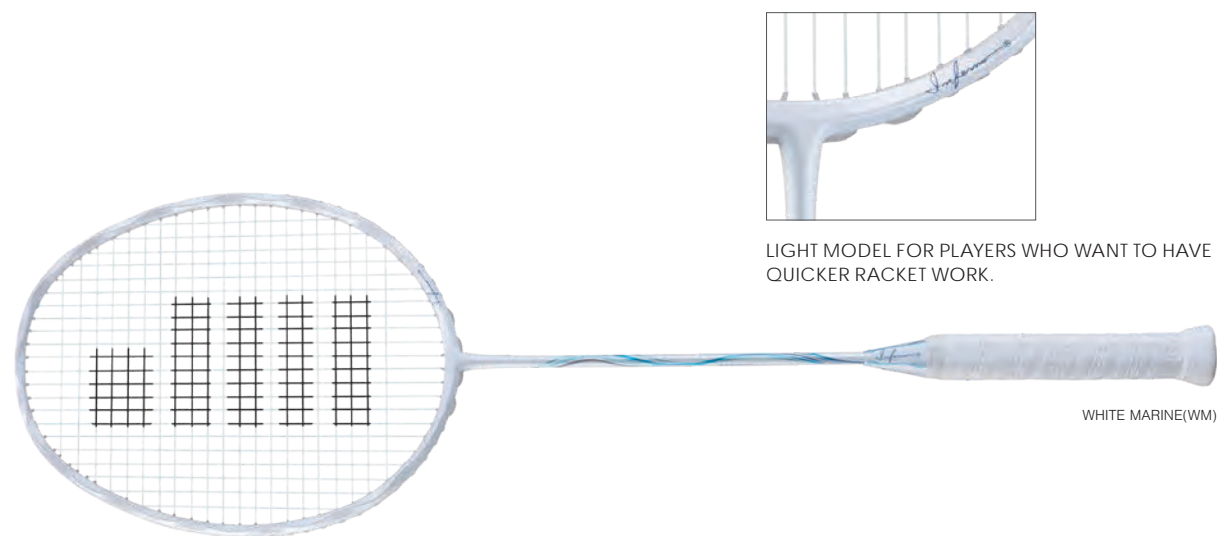
BLACK(BK)

## BRIF INFERNO

MATERIAL : PYROFIL™ MATERIAL BY MITSUBISHI  
CHEMICAL / High modulus carbon / M30  
GRIP SIZE : G5  
WEIGHT : 83g ±

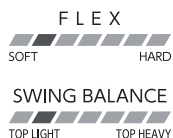






LIGHT MODEL FOR PLAYERS WHO WANT TO HAVE QUICKER RACKET WORK.

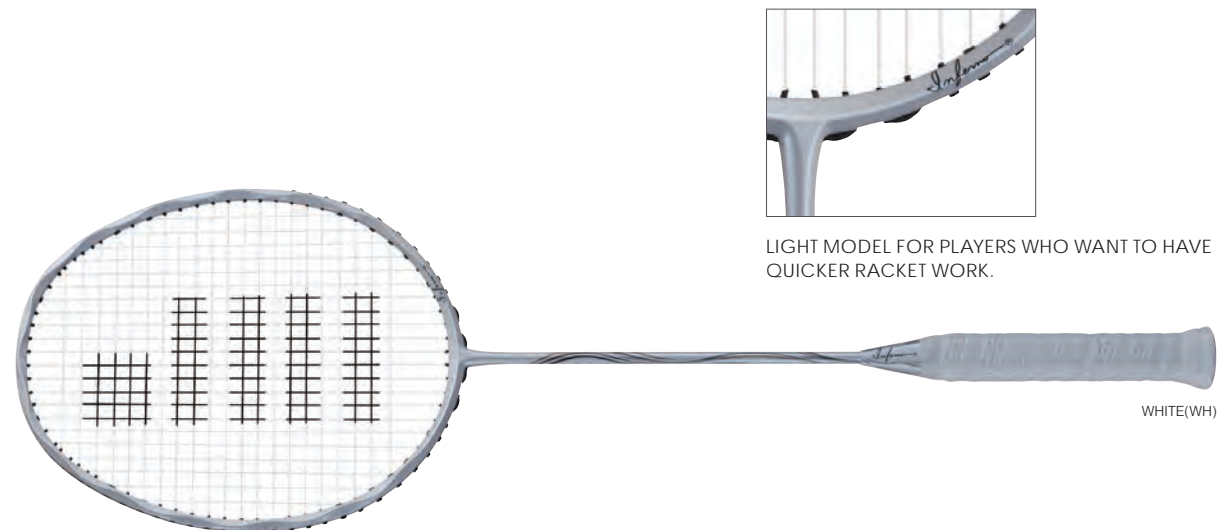
WHITE MARINE(WM)



BRIFTC

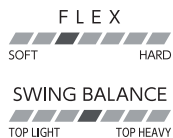
## INFERNO TOUCH

**MATERIAL** : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL / High modulus carbon / M30  
**GRIP SIZE** : G5/G6  
**WEIGHT** : 79g ±



LIGHT MODEL FOR PLAYERS WHO WANT TO HAVE QUICKER RACKET WORK.

WHITE(WH)



BRIFLT

## INFERNO LITE

**MATERIAL** : PYROFIL™ MATERIAL BY MITSUBISHI CHEMICAL / High modulus carbon / M30  
**GRIP SIZE** : G5/G6  
**WEIGHT** : 81g ±



PINK(PW)

SAX(SW)

MBL10A

## LEGENDARY 10A

**MATERIAL** : Aluminum head + Steel shaft  
**GRIP SIZE** : G5



RED(BR)

BLUE(BB)

MBL30F

## LEGENDARY 30F

**MATERIAL** : Aluminum head + Steel shaft  
**GRIP SIZE** : G5



BLACK WHITE(BW)

MBL80G

## LEGENDARY 80G

**MATERIAL** : Aluminum head + 100% Graphite shaft  
**GRIP SIZE** : G5



MBL9AS

## LEGENDARY 9A SET

**MATERIAL** : Aluminum head + Steel shaft  
**GRIP SIZE** : G5



MBL8S

## LEGENDARY 8S SET

**MATERIAL** : Steel head + Steel shaft  
**GRIP SIZE** : G5



## BADMINTON

## TENNIS

## ACCESSORIES

## STRINGING MACHINE

\*MAXIMUM TENSION : This figures show the recommended tension strung by electronic type stringing machine.

# BADMINTON RACKETS MATRIX



**SUPER LONG**  
15mm longer length (680mm) which is maximum size of standard.



OG SQUARE SHAPE  
Enlarge the sweet spot area.



**PYROFIL™ BY MITSUBISHI CHEMICAL**  
 PYROFIL is carbon material by MITSUBISHI  
 CHEMICAL. It creates high intensity and clear  
 hitting feel.



**AERMET**  
Frame is strengthened with braided super alloy  
"AERMET". Less torque and better control.



**LONG**  
10mm longer length (675mm) makes head speed faster to achieve powerful shot.



**INFERNO FRAME**  
Frame shape increase the durability as well as reducing instability on frame when hitting the shuttlecock.



**PLAIN WEAVE CARBON**  
Carbon sheet weaved without any gap between carbon governs deformation which accrues at impact.



**M30 HIGH MODULUS CARBON**  
Intermediate modulus carbon. Superior resilience.



**ASSAULT DIVE SYSTEM**  
Specialized impact zone creates high feather rebounding.



**GAVUN SHAFT**  
Original shaped shaft bends at 2 points.  
Accelerate the shuttlecock. (Patented)



**TRIAxIAL CARBON**  
Carbon sheet for racket frame weaved from 3 directions reduce torque at hitting moment and stand the pressure of high tension stringing.



**CONCEPT RYOGA**  
Best combination of flex and torque angle in each swing level offers maximum shaft repulsion.

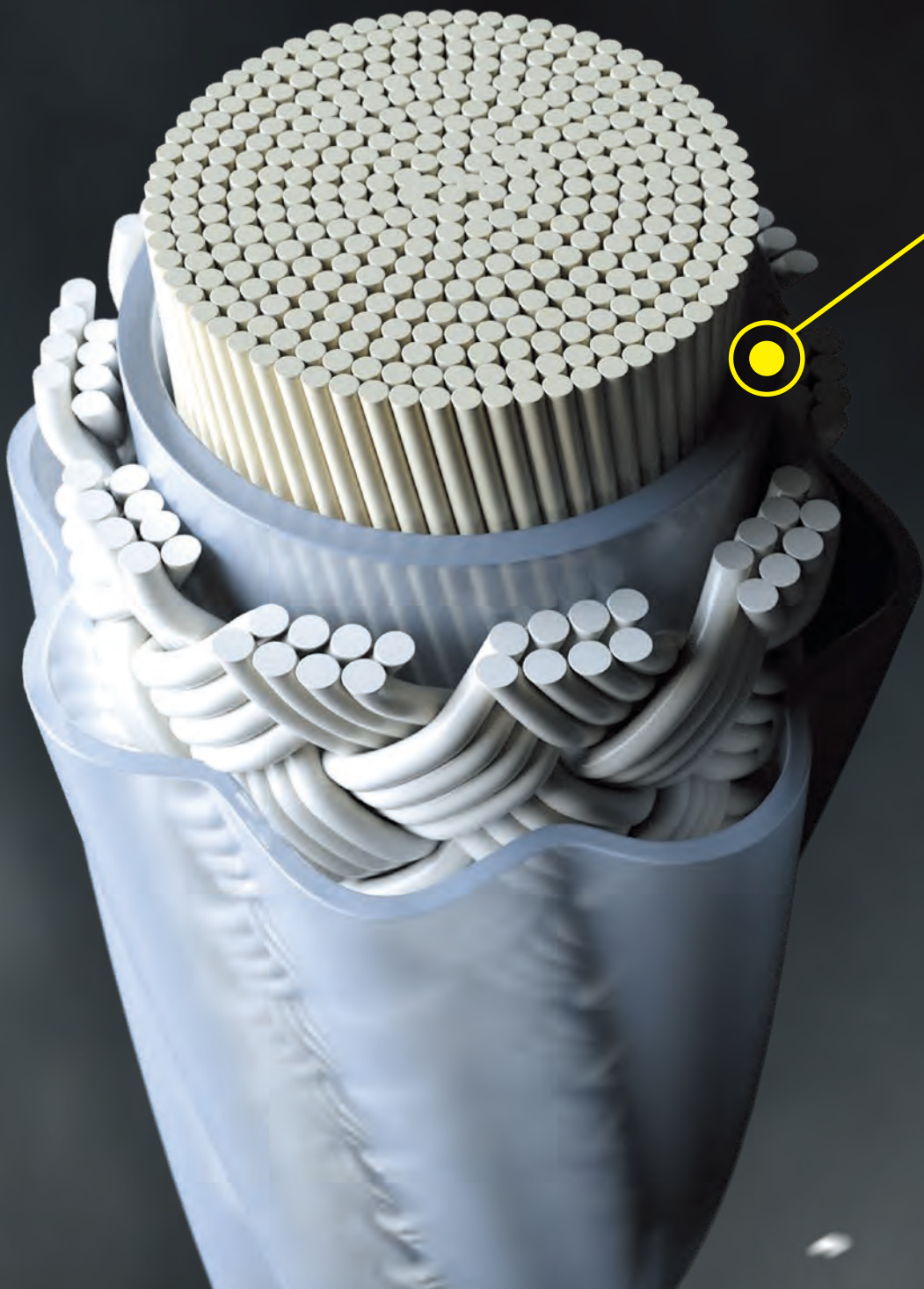


**NEO-VARIANT FRAME**  
Special dimpled frame provides unprecedented sharp feeling and crisp shots.



# G-TONE

Overwhelming Competitor by  
high volume and METALLIC SOUND



## CONCEPT

Exceptional "METALLIC SOUND" and  
"SUPER DURABILITY".

We focused on Durability and Power for development of badminton string so far, but G-TONE series string is focused on Hitting sound as a main concept. Normally, stringing high-tension creates high-hitting sound; however GOSEN focused on synergistic effect between core fiber and outer wrapping fiber to create METALLIC SOUND.

## TECHNOLOGY

GOSEN adopts new production method to stick firmly between core fiber and outer wrapping fiber. (Patent applying in Japan)

## MICRO FUSION

The new production method that the core fiber sticks firmly to outer wrapping fiber creates exceptional Power.



IT'S HERE,GOSEN'S ADVANCED TECHNOLOGY STRING PROVIDE SUPREME RESILIENCE AND CRISP HITTING SOUND BY 0.65mm GAUGE.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										9
POWER										9.5
SOFT FEELING						6				
SPIN										9.5

### BS065 MULTILADE G-TONE 5

MATERIAL : Nylon multi-filament with patented high strength quattro-fiber wraps  
GAUGE : 0.65mm(22GA.)  
LENGTH : 10m(33FT.)  
COLOR : 

NATURAL (BS065-NA)

ORANGE (BS065-OR)

LIME GREEN (BS065-LG)

FLASH YELLOW (BS065-FY)

BLACK (BS065-BK)

YELLOW (BS065-Y)

SALMON PINK (BS065-SP)

LIGHT BLUE (BS065-LB)



**BS0653NA**  
LENGTH : 220m (722FT.)  
COLOR : NATURAL

**BS0653OR**  
LENGTH : 220m (722FT.)  
COLOR : ORANGE

**BS0653BK**  
LENGTH : 220m (722FT.)  
COLOR : BLACK

**BS0653FY**  
LENGTH : 220m (722FT.)  
COLOR : FLASH YELLOW

**BS0653SP**  
LENGTH : 220m (722FT.)  
COLOR : SALMON PINK

**BS0653LG**  
LENGTH : 220m (722FT.)  
COLOR : LIME GREEN

**BS0653Y**  
LENGTH : 220m (722FT.)  
COLOR : YELLOW

**BS0653LB**  
LENGTH : 220m (722FT.)  
COLOR : LIGHT BLUE



UTILIZING GOSEN'S ADVANCED TECHNOLOGY,THE STRING'S CORE IS SEALED WITH THE OUTER FIBER WRAPS, RESULTING IN ENHANCED DURABILITY AND CRISP HITTING SOUND.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										10
POWER										9
SOFT FEELING					5					
SPIN										8

### BS069 MULTILADE G-TONE 9

MATERIAL : Nylon multi-filament with patented high strength quattro-fiber wraps  
GAUGE : 0.69mm(21GA.)  
LENGTH : 10m(33FT.)  
COLOR : 

NATURAL (BS069-NA)

ORANGE (BS069-OR)

LIME GREEN (BS069-LG)

BLACK (BS069-BK)

YELLOW (BS069-Y)

ASH BROWN (BS069-AB)



**BS0693NA**  
LENGTH : 220m (722FT.)  
COLOR : NATURAL

**BS0693Y**  
LENGTH : 220m (722FT.)  
COLOR : YELLOW

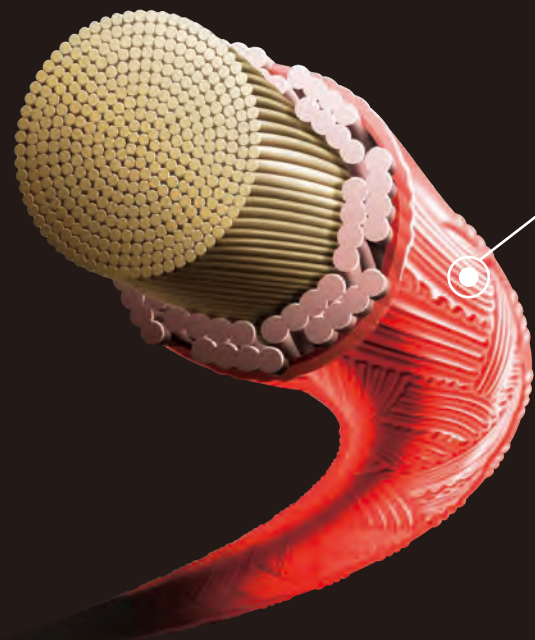
**BS0693OR**  
LENGTH : 220m (722FT.)  
COLOR : ORANGE

**BS0693LG**  
LENGTH : 220m (722FT.)  
COLOR : LIME GREEN



# G-PRO Series

NEW Technology : DRS-Dual Rough Surface-COATING



## MATERIAL DRS COATING-Dual Rough Surface

DRS COATING is GOSEN original technology.

### Dual layer of coating creates

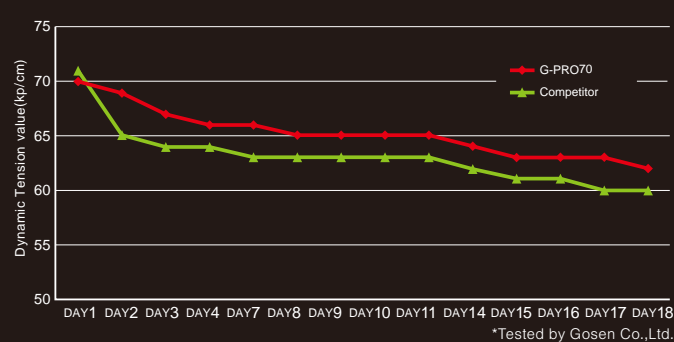
1. Superior durability (See Figure 1)
2. Improve Tension maintenance (See Figure 2)
3. Rough surface improve spin and power than PRO Series.

Figure 1 Cross friction test

		G-PRO70	Competitor
Abrasion test 30lbs (3kg)	Fray (times)	100	50
	Durability (times)	570	320

\*Tested by Gosen Co.,Ltd.

Figure 2 Test result for Tension maintenance



THINNER GAUGE AND HEAT RESISTANT COATING RESIN ON FIBER CREATES DURABILITY AND RESILIENCE.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										9
POWER									7.5	
SOFT FEELING									5	
SPIN										8

BS326 MULTILADE G-PRO 66

MATERIAL : Nylon multi-filament with patented high strength quattro-fiber wraps.  
GAUGE : 0.66mm(22GA.)  
LENGTH : 10m(33FT.)

COLOR : BLACK(BS326-BK) NATURAL(BS326-NA)  
LIME GREEN(BS326-LG) ORANGE(BS326-OR)  
FLASH YELLOW(BS326-FY) YELLOW(BS326-Y)

BS3263BK	LENGTH : 220m(722FT.) COLOR : BLACK	BS3263NA	LENGTH : 220m(722FT.) COLOR : NATURAL
BS3263LG	LENGTH : 220m(722FT.) COLOR : LIME GREEN	BS3263OR	LENGTH : 220m(722FT.) COLOR : ORANGE
BS3263Y	LENGTH : 220m(722FT.) COLOR : YELLOW		



HEAT RESISTANT COATING RESIN ON FIBER CREATES SUPERIOR DURABILITY AND POWER.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										10
POWER									7	
SOFT FEELING									6	
SPIN									7	

BS327 MULTILADE G-PRO 70

MATERIAL : Nylon multi-filament with patented high strength quattro-fiber wraps.  
GAUGE : 0.70mm(21GA.)  
LENGTH : 10m(33FT.)

COLOR : BLACK(BS327-BK) NATURAL(BS327-NA)  
LIME GREEN(BS327-LG) ORANGE(BS327-OR)  
YELLOW(BS327-Y)

BS3273NA	LENGTH : 220m(722FT.) COLOR : NATURAL	BS3273LG	LENGTH : 220m(722FT.) COLOR : LIME GREEN
BS3273OR	LENGTH : 220m(722FT.) COLOR : ORANGE	BS3273Y	LENGTH : 220m(722FT.) COLOR : YELLOW

NEW BADMINTON STRING

# G-LITE70

Repulsion and Comfort

## Technology

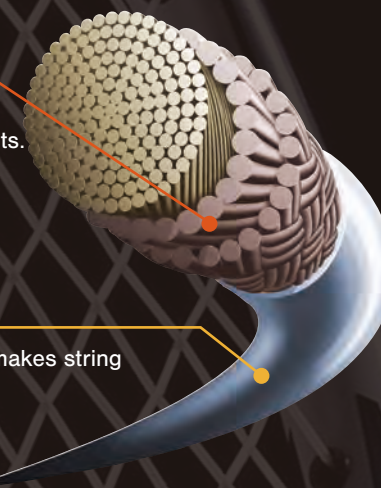
Dual technologies to constitute G-LITE

### Redesign of construction

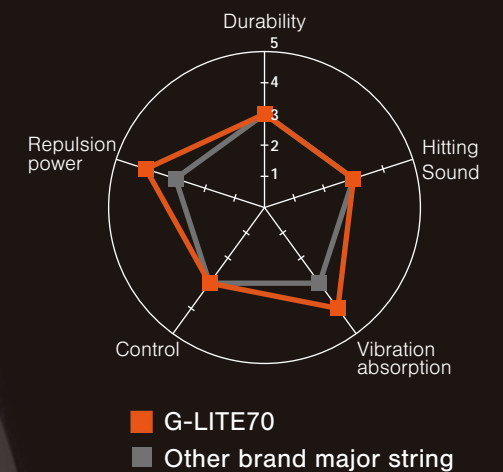
Improved touch and durability by reviewing the ratio of core and outer wrapping filaments.

### Special Heat treatment

Extra heat treatment after coating process makes string bouncy with crispy hitting sound.



## Radar chart

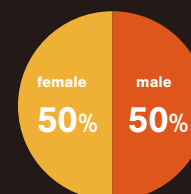


## Player's Voice

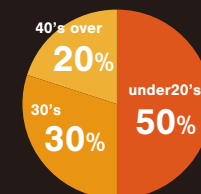


LIKE

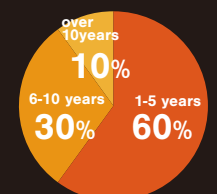
### Attribute



### Age group



### Badminton Experience



### Player's comment

"Touch is soft and comfortable, but can hit the powerful smash shot." (Female intermediate player)  
 "Easy to shot the clear with less energy. Less fatigue." (Female elite player)  
 "Good repulsion, quick response for drive and receive shots." (Male intermediate player)



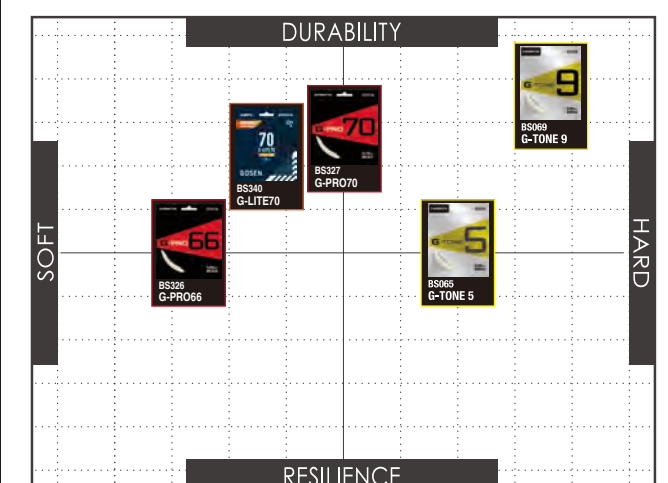
Give the good repulsion without uncomfortable vibration.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										10
POWER									7	
SOFT FEELING									7	
SPIN									6	

BS340 MULTILADE G-LITE70

MATERIAL : Nylon multi-filament with patented high strength quattro-fiber wraps.  
GAUGE : 0.70mm(21GA.)  
LENGTH : 10m(33FT.)  
COLOR : NATURAL(BS340-NA)

## BADMINTON STRING MATRIX



All GOSEN strings are Made in Japan.



SHUTTLECOCKS

FEATHER SHUTTLECOCKS

GOSEN TOP GRADE FEATHER SHUTTLECOCKS.



GFN110

GFN110

MATERIAL : GOOSE FEATHER  
S P E E D : 76 / 77 / 78 / 79

GOOD DURABILITY AND STABILITY OF FLYING COURSE.



GFN120

GFN120

MATERIAL : GOOSE FEATHER  
S P E E D : 76 / 77 / 78 / 79

WELL BALANCED SHUTTLECOCK FOR GAME AND PRACTICE.



GFN130

GFN130

MATERIAL : GOOSE FEATHER  
S P E E D : 76 / 77 / 78 / 79

SHUTTLECOCK FOR PRACTICE.



GF-1000

FEATHER BULLET I

MATERIAL : GOOSE FEATHER  
S P E E D : 76 / 77 / 78 / 79

SHUTTLECOCK FOR PRACTICE.



GF-3000

FEATHER BULLET III

MATERIAL : GOOSE FEATHER  
S P E E D : 76 / 77 / 78 / 79

SHUTTLECOCK FOR PRACTICE.



GF-5000

FEATHER BULLET V

MATERIAL : GOOSE FEATHER  
S P E E D : 77 / 78

GOSEN's attention to detail is seen in our shuttlecocks.

Precision and accuracy is not just within a player's skill or the racket they use, but the quality of a shuttlecock is also very important. GOSEN selects the best raw feathers from high quality duck and geese to ensure that our core shuttlecocks are of high quality. During the manufacturing process, sixteen stem features are cut and created by an ultra high precision flocking machine. A high quality cork is then fitted to complete the process, producing one of the highest quality and durable shuttlecocks.

Appropriate speed of GOSEN brand shuttlecocks

Speed	75	76	77	78	79
#	1	2	3	4	5
Temperature	Over 33℃	32~28℃	27~23℃	22~18℃	17~13℃

GOSEN's Shuttlecock Quality Checklist:

There are 4 key characteristics that we use to verify the quality of our shuttlecocks:

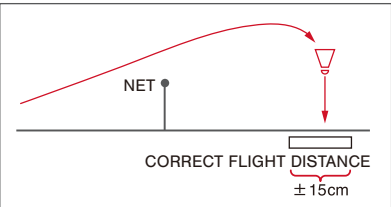
- 1

**STABILITY :**  
This involves checking the shuttlecock's balance and stability of it's flight, to ensure there is minimum or no deviation in it's trajectory.
- 2

**ACCURACY :**  
Our shuttlecocks are hit under a fixed temperature, angle and speed. This is to ensure that they all fall within our expected distance and tolerance levels (refer to diagram).
- 3

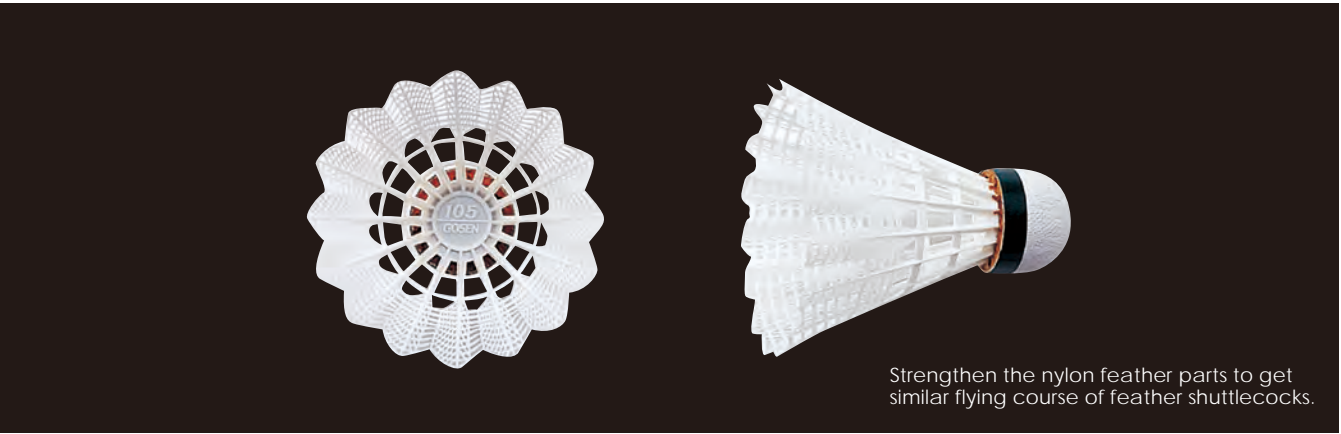
**DURABILITY :**  
A simulation of a real badminton game is created, so that we can test and assess the level of durability of our shuttlecocks. This is based on things such as: the level of breakage in the feathers, the corks and how they affect the slight and accuracy of the shuttlecocks.
- 4

**FEELING :**  
We have a number of testers hitting our shuttlecocks, to ensure that the feel is consistent.



NYLON SHUTTLECOCKS

Similar to feather shuttlecocks but higher durability.



TOP GRADE NYLON SHUTTLE WITH NATURAL CORK.

GN-105H

NYLON SHUTTLECOCK

MATERIAL : NYLON  
S P E E D : BLUE / M : MIDDLE, GREEN / S : SLOW  
C O L O R : WHITE / YELLOW  
PACKAGE : 6 PCS / TUBE



GN-505H

NYLON SHUTTLECOCK

MATERIAL : NYLON  
S P E E D : BLUE / M : MIDDLE, GREEN / S : SLOW  
C O L O R : WHITE / YELLOW  
PACKAGE : 6 PCS / TUBE

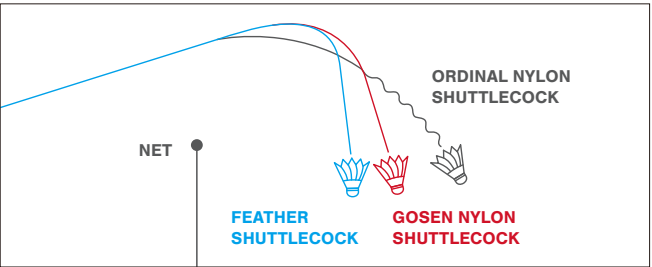


GN-506H

NYLON SHUTTLECOCK






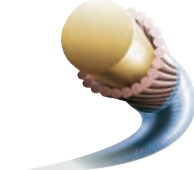
MATERIAL : NYLON  
S P E E D : BLUE / M : MIDDLE, GREEN / S : SLOW  
C O L O R : WHITE / YELLOW / ORANGE  
PACKAGE : 6 PCS / TUBE

SLOW	MIDDLE
SHORT DISTANCE	MIDDLE DISTANCE
15~35℃	UNDER 15℃





TENNIS GUT SERIES CHART

Series	Feature of series		Feature of product		Item code	Gauge (mm/size)	Color	Spool
	Swing speed	Player						
<div>G-TOUR</div> <div>Players who want to win the game Good for fast swing players and power hitters</div> 	Fast	Intermediate } Advanced	G-TOUR 3	Speed of ball doesn't go down after bounce Focus on "feeling" and high repulsion	TSGT30	1.28 / 16LGA.	Black	220m
			G-TOUR 1	High-end tour model Focus on "power" after bounce	TSGT31	1.23 / 17GA.	Solid yellow , Black	220m (SY and BK)
					TSGT32	1.18 / 17LGA.	Solid yellow , Black	220m (SY and BK)
					TSGT10	1.30 / 16GA.	Black	220m
					TSGT11	1.25 / 16LGA.	Black	220m
<div>G-SPIN</div> <div>Focus on "spin" for win</div> 	Fast	Intermediate } Advanced	G-SPIN 3	Polyester string of hecagonal shape type	TSGS31	1.23 / 17GA. (1.19 ~ 1.27)	Climson Red , Black	220m
<div>POLYLON</div> <div>Good for normal swing speed and intermediate to advanced players</div> 	Medium } Fast	Intermediate } Advanced	SIDEWINDER (EGGPOWER)	Unique shape makes maximum spin and get powerful shot	TS120	1.30 ~ 1.32 / 16GA.	Orange , Black	200m (OR)
			POLYBREAK	UMISHIMA structure polyester string High durability and soft feeling	TS121	1.22 ~ 1.24 / 17GA.	Yellow , Black	200m
					TS160	1.31 / 16GA.	White	200m (WH and BK)
					TS161	1.24 / 17GA.	White	200m (WH and BK)
					TS162	1.20 / 18GA.	White	200m (WH and BK)
			COMFORT	An epoch-making soft polyester string with patented five petal structure	TS171	1.24 / 17GA.	White , Black	220m
			POLY PROFESSIONAL	Optimal combination of durability and control Good for baseliners	TS130	1.29 / 16GA.	Black , White	200m
					TS131	1.24 / 17GA.	White , Black , Red	200m
			POLYLON	Good value durability string	TS1522 *	1.29 / 16GA.	Natural , ICE , Black	200m
					TS153	1.24 / 17GA.	Natural , ICE , Black	200m
					TS154	1.20 / 18GA.	Black	200m
<div>UMISHIMA</div> <div>GOSEN's unique structure Good for control players and high durability and tension maintain</div> 	Mediun } Fast	Intermediate } Advanced	AK PRO CX	UMISHIMA structured mono-filament with heat resistant polyimide fiber offers control and tention maintain	TS760	1.30 / 16GA.	Natural	240m
			AK PRO	High energy return and tension maintain	TS761	1.24 / 17GA.	Natural , Black spiral	240m (NA)
					TS706	1.31 / 16GA.	Natural , Black	240m
<div>LuXair</div> <div>Hybrid of UMISHIMA structure and multifilament for seeking comfort.</div> 	Slow } Medium	Beginner } Intermediate	LuXairAssisT	High assist function and moderate hold feeling 3 islands X Multi filament X LFS coating	TSLXA0	1.30 / 16GA.	Natural , Black	-
					TSLXA1	1.25 / 16LGA.	Natural , Black	-
			LuXairBiTe	High hold feeling and appropriate assist function 19 islands X Multi filament X LFS coating	TSLXB0	1.30 / 16GA.	Natural , Black	-
					TSLXB1	1.25 / 16LGA.	Natural , Black	-
<div>TECGUT</div> <div>Soft string series which used nylon multi-filament Good for wide range players</div> 	Medium } Slow	Beginner } Advanced	MULTI CX	Multi-filament with heat resistant polyamide fiber offers control and increased durability	TS660	1.30 / 16GA.	Natural	240m
			TECGUT	Typical multi-filament model with patented technology for good hitting and ball bite	TS661	1.24 / 17GA.	Natural	240m
					TS600	1.30 / 16GA.	White	-
			REMPHIR	Soft and comfortable multi-filament string	TS6301 *	1.29 / 16GA.	White	120m
					TS631	1.24 / 17GA.	White	-
<div>OG-SHEEP</div> <div>Standard series which used nylon mono-filament Good for wide range players and have cost performance, repulsion and durability</div> 	Slow } Fast	Beginner } Advanced	MICRO SUPER	Excellent all-around performance	TS400	1.30 / 16GA.	White	240m
			MICRO	Traditional synthetic string with good all-around performance	TS403	1.29 / 16GA.	Natural , Milky white , Black	200m
					TS404	1.22 / 17GA.	Natural , Milky white , Black	200m
					TS4052 *	1.15 / 18GA.	Natural	200m
			PROFORM TUFF	Synthetic string which has high repulsion	TS4342 *	1.37 / 15LGA.	Natural , Milky white , Optic yellow	200m
					TS4352 *	1.29 / 16GA.	Natural , Milky white , Optic yellow	200m

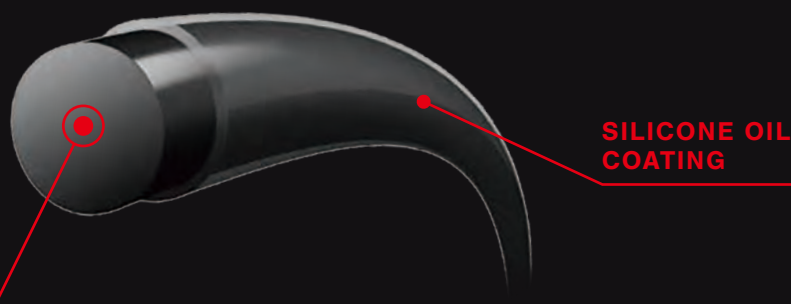
\* Spool only



# G-TOUR® 1

## MATERIAL HPP-POLYESTER

High Purity Polymer Polyester



GOSEN finely blended the high purity polymer for the power players who swing fast to maximize the initial velocity and power to pierce at the baseline of the opponent's court.



IN PURSUIT OF POWERFUL BOUNCE SPEED TO SECURE VICTORY.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										10
POWER									9	
SOFT FEELING							7			
SPIN								8		

TSGT10 G-TOUR® G-TOUR® 1 16

MATERIAL : HPP-POLYESTER mono-filament with silicone oil coating  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ BLACK(TSGT10-BK)



TSGT102BK LENGTH : 220m(722FT.)  
COLOR : BLACK

# G-TOUR® 3

## MATERIAL HPP-SOFTPOLYESTER

High Purity Polymer Soft Polyester

GOSEN has further developed polyester composed of high-purity polymer to realize a good feeling of ball catching and holding and ensures a good swing to bounce the ball.



FOR GENERAL PLAYERS SEEKING CONTROL AND POWER

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY									9	
POWER										10
SOFT FEELING								8		
SPIN									9	

TSGT31 G-TOUR® G-TOUR® 3 17

MATERIAL : HPP Soft Polyester mono-filament with silicone oil coating  
GAUGE : 1.23mm(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ SOLID YELLOW(TSGT31-SY)  
☐ BLACK(TSGT31-BK)



TSGT312SY LENGTH : 220m(722FT.)  
COLOR : SOLID YELLOW  
TSGT312BK LENGTH : 220m(722FT.)  
COLOR : BLACK



IN PURSUIT OF POWERFUL BOUNCE SPEED TO SECURE VICTORY.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										9
POWER										10
SOFT FEELING							6			
SPIN									9	

TSGT11 G-TOUR® G-TOUR® 1 16L

MATERIAL : HPP-POLYESTER mono-filament with silicone oil coating  
GAUGE : 1.25mm(16LGA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ BLACK(TSGT11-BK)



TSGT112BK LENGTH : 220m(722FT.)  
COLOR : BLACK



FOR GENERAL PLAYERS SEEKING CONTROL AND POWER

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY										10
POWER									9	
SOFT FEELING									9	
SPIN								8		

TSGT30 G-TOUR® G-TOUR® 3 16L

MATERIAL : HPP Soft Polyester mono-filament with silicone oil coating  
GAUGE : 1.28mm(16LGA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ BLACK(TSGT30-BK)



TSGT302BK LENGTH : 220m(722FT.)  
COLOR : BLACK



FOR GENERAL PLAYERS SEEKING CONTROL AND POWER

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY									8	
POWER										10
SOFT FEELING								7		
SPIN									9	

TSGT32 G-TOUR® G-TOUR® 3 17L

MATERIAL : HPP Soft Polyester mono-filament with silicone oil coating  
GAUGE : 1.18mm(17LGA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ BLACK(TSGT32-BK)  
☐ SOLID YELLOW(TSGT32-SY)\*  
\* LIMITED QUANTITY



TSGT322BK LENGTH : 220m(722FT.)  
COLOR : BLACK  
TSGT322SY LENGTH : 220m(722FT.)  
COLOR : SOLID YELLOW\*  
\* LIMITED QUANTITY

# G-SPIN® 3

## FEELING + SPIN FOR WIN

### CONCEPT

Hexagonal shaped co-polyester string comes from G-TOUR3

GOSEN created the hexagonal shaped co-polyester string which comes from G-TOUR3 and main concept for this string is "Crisp hitting feel" & "Spin". G-SPIN3 high repulsion with ball biting, and hexagonal shape of the string creates superior spin performance.

Normally, player feels stiff from textured string; however G-SPIN3 adopts the material which is same as G-TOUR3, so players can create the good ball biting with spin.

## MATERIAL HPP-SOFT POLYESTER + HEXAGONAL SHAPE

Spin potential increases by HPP-SOFT POLYESTER with hexagonal shape of the string.

G-TOUR3 × POWER × SHAPE (HEXAGONAL)

POWER  
G-TOUR3 1.23mm 76.5  
G-SPIN3 1.23mm 76.9



### HEXAGONAL SHAPE

HEXAGONAL is ideal shape to create the SPIN.



In pursuit of a good feeling at impact and putting a spin on the ball to secure the victory.

PERFORMANCE	1	2	3	4	5	6	7	8	9	10
DURABILITY								8		
POWER										10
SOFT FEELING							7			
SPIN									9	

TSGS31 G-SPIN® G-SPIN® 3

MATERIAL : HPP Soft Polyester mono-filament with silicone oil coating  
GAUGE : 1.23mm  
(1.19mm~1.27mm)(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : ☐ CRIMSON RED(TSGS31CR)  
☐ BLACK(TSGS31BK)

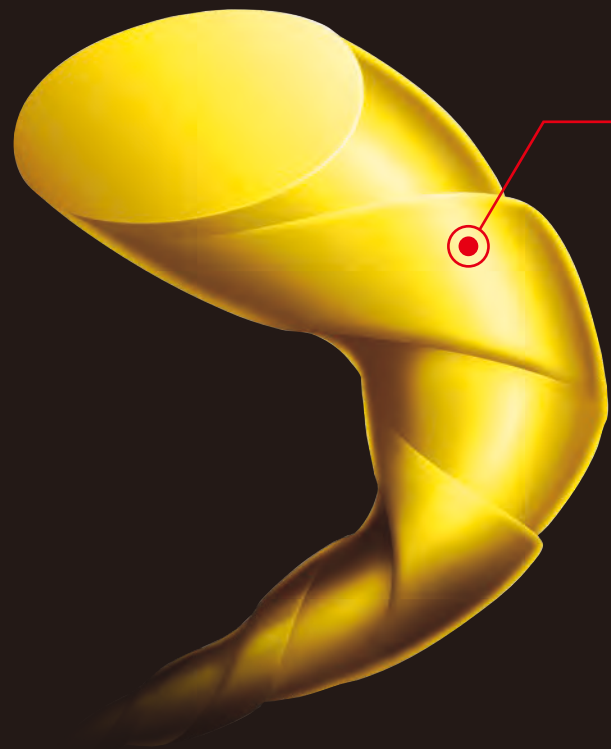


TSGS312CR LENGTH : 220m(722FT.)  
COLOR : CRIMSON RED  
TSGS312BK LENGTH : 220m(722FT.)  
COLOR : BLACK



# POLYLON SIDEWINDER

INCREASED POWER, CONTROL, AND SPIN.



**MATERIAL**  
**NEW GEOMETRIC CO-POLY**

**MADE FROM HIGH-TEC POLYESTER RESIN  
COMBINED WITH A CHEMICAL ADDITIVE**

## DATA COMPARISON

		Normal polyester	<b>SIDEWINDER 16 (TS120)</b>	
SPINNING PERFORMANCE (RPM=rotation per minute)	Dropped from high position	250	<b>300</b>	22%UP
	Dropped from low position	90	<b>120</b>	33%UP
POWER(resilience)	String bed repulsion (cm)	115	<b>126</b>	10%UP

\*Tested by Gosen Co.,Ltd.

## TESTER'S TALK

- Excellent spin and Control. Decent comfort for poly.
- This one proves that durability strings has come a long way. In addition to the incredible spin and control, this string has great all-around playability.
- Good Spin and Power. The thinner gauge provides added feel. Great for high level doubles, especially when you want to serve wide kickers or hard slices.



THE ORIGINAL SHAPE AND SPECIAL COATING FOR EXCEPTIONAL BALL BITE AND MAXIMUM SPIN.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									7	
SOFT FEELING									8	
SPIN									8	

**TS120** POLYLON **SIDEWINDER 16**

**MATERIAL** : Polyester mono-filament  
**GAUGE** : 1.30mm-1.32mm(16GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **ORANGE**(TS120-OR)  
              **BLACK**(TS120-BK)



YOU CAN GET POWERFUL SHOT!  
THE WORLD'S FIRST ORIGINAL SHAPE ENABLE INCOMPARABLE AGGRESSIVE SHOT!

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									8	
SOFT FEELING									7	
SPIN									9	

**TS121** POLYLON **SIDEWINDER 17**

**MATERIAL** : Polyester mono-filament  
**GAUGE** : 1.22mm-1.24mm(17GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **YELLOW**(TS121-Y)  
              **BLACK**(TS121-BK)



## POLYESTER



UNIQUE UMISHIMA TYPE OF POLYESTER STRING WITH HIGH DURABILITY AND SOFT FEELING.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									8	
SOFT FEELING									9	
SPIN									8	

**TS160** POLYLON **POLYBREAK® 16**

**MATERIAL** : Original UMISHIMA structured polyester  
**GAUGE** : 1.31mm(16GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **WHITE**(TS160-W)



**TS1602BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**  
**TS1602W** **LENGTH** : 200m(660FT.)  
**COLOR** : **WHITE**



UNIQUE UMISHIMA TYPE OF POLYESTER STRING IN FINE GAUGE.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER										10
SOFT FEELING									7	
SPIN										10

**TS162** POLYLON **POLYBREAK® 18**

**MATERIAL** : Original UMISHIMA structured polyester  
**GAUGE** : 1.20mm(18GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **WHITE**(TS162-W)



**TS1622W** **LENGTH** : 200m(660FT.)  
**COLOR** : **WHITE**



FIRM AND VERY CONTROLLED RESPONSE FOR POWER BASELINERS.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									6	
SOFT FEELING									6	
SPIN									6	

**TS130** POLYLON **POLY PROFESSIONAL 16**

**MATERIAL** : Special blended polyester mono-filament  
**GAUGE** : 1.29mm(16GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **BLACK**(TS130-BK)  
              **WHITE**(TS130-W)



**TS1302BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**  
**TS1302W** **LENGTH** : 200m(660FT.)  
**COLOR** : **WHITE**



SUPERIOR DURABILITY WITH MINIMUM TENSION LOSS.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									4	
SOFT FEELING									2	
SPIN									2	

**TS1522** POLYLON **POLYLON 16**

**MATERIAL** : Special blended polyester  
**GAUGE** : 1.29mm(16GA.)  
**LENGTH** : 200m(660FT.)



**TS1522NA** **LENGTH** : 200m(660FT.)  
**COLOR** : **NATURAL**  
**TS1522C** **LENGTH** : 200m(660FT.)  
**COLOR** : **ICE**  
**TS1522BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**



UNIQUE UMISHIMA TYPE OF POLYESTER STRING WITH HIGH DURABILITY AND SOFT FEELING.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									9	
SOFT FEELING									8	
SPIN									9	

**TS161** POLYLON **POLYBREAK® 17**

**MATERIAL** : Original UMISHIMA structured polyester  
**GAUGE** : 1.24mm(17GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **WHITE**(TS161-W)



**TS1612W** **LENGTH** : 200m(660FT.)  
**COLOR** : **WHITE**  
**TS1612BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**



AN EPOCH-MAKING SOFT POLYESTER STRING WITH PATENTED FIVE-PETAL STRUCTURE.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									6	
SOFT FEELING										10
SPIN									6	

**TS171** POLYLON **COMFORT 17**

**MATERIAL** : Five-petals structured polyester  
**GAUGE** : 1.24mm(17GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **WHITE**(TS171-W)  
              **BLACK**(TS171-BK)



**TS1712W** **LENGTH** : 220m(722FT.)  
**COLOR** : **WHITE**  
**TS1712BK** **LENGTH** : 220m(722FT.)  
**COLOR** : **BLACK**



ENGINEERED FOR THE OPTIMAL COMBINATION OF DURABILITY AND CONTROL.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									7	
SOFT FEELING									4	
SPIN									8	

**TS131** POLYLON **POLY PROFESSIONAL 17**

**MATERIAL** : Special blended polyester mono-filament  
**GAUGE** : 1.24mm(17GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **WHITE**(TS131-W)  
              **BLACK**(TS131-BK)



**TS1312W** **LENGTH** : 200m(660FT.)  
**COLOR** : **WHITE**  
**TS1312BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**



A GOOD VALUE DURABILITY STRING WITH SURPRISING PLAYABILITY.

PERFORMANCE

DURABILITY	1	2	3	4	5	6	7	8	9	10
POWER									5	
SOFT FEELING									3	
SPIN									2	

**TS153** POLYLON **POLYLON 17**

**MATERIAL** : Special blended polyester  
**GAUGE** : 1.24mm(17GA.)  
**LENGTH** : 12.2m(40FT.)  
**COLOR** : **NATURAL**(TS153-NA)  
              **ICE**(TS153-C)  
              **BLACK**(TS153-BK)



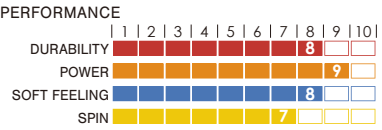
**TS1532NA** **LENGTH** : 200m(660FT.)  
**COLOR** : **NATURAL**  
**TS1532C** **LENGTH** : 200m(660FT.)  
**COLOR** : **ICE**  
**TS1532BK** **LENGTH** : 200m(660FT.)  
**COLOR** : **BLACK**



MULTI & SYNTHETIC



UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER OFFERS CONTROL AND TENSION RETENSION.

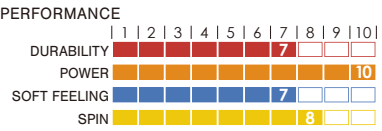


NEW TSLXA0 LuXair LuXairAssisT 16

MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TSLXA0-NA)  
BLACK(TSLXA0-BK)



UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER OFFERS CONTROL AND TENSION RETENSION.

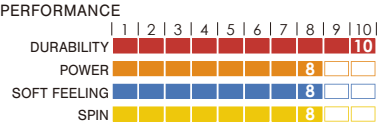


NEW TSLXA1 LuXair LuXairAssisT 16L

MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.25mm(16LGA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TSLXA1-NA)  
BLACK(TSLXA1-NA)



UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER OFFERS CONTROL AND TENSION RETENSION.



TS760 UMISHIMA® AK PRO CX 16

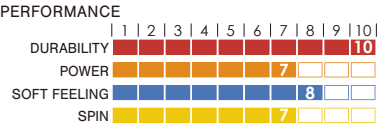
MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS760-NA)



TS7602NA LENGTH : 240m(787FT.)  
COLOR : NATURAL



MULTI-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER IN THINNER GAUGE.



TS660 TEGCUT MULTI CX 16

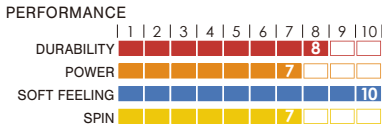
MATERIAL : Nylon mono & multi-filament with heat resistant polyamide fiber  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS660-NA)



TS6602NA LENGTH : 240m(787FT.)  
COLOR : NATURAL



UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER IN THINNER GAUGE OFFERS EXTRA SPIN AND TENSION RETENSION.

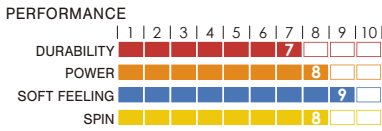


NEW TSLXB0 LuXair LuXairBiTe 16

MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TSLXB0-NA)  
BLACK(TSLXB0-BK)

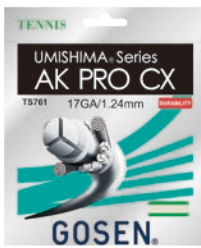


UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER IN THINNER GAUGE OFFERS EXTRA SPIN AND TENSION RETENSION.

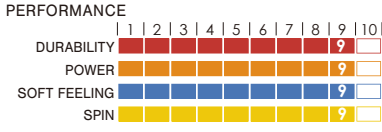


NEW TSLXB1 LuXair LuXairBiTe 16L

MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.25mm(16LGA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TSLXB1-NA)  
BLACK(TSLXB1-BK)



UMISHIMA STRUCTURED MONO-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER IN THINNER GAUGE OFFERS EXTRA SPIN AND TENSION RETENSION.



TS761 UMISHIMA® AK PRO CX 17

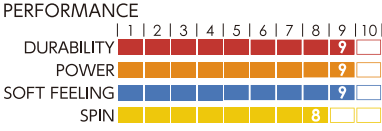
MATERIAL : Nylon UMISHIMA structured fiber with heat resistant polyamide fiber  
GAUGE : 1.24mm(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS761-NA)  
BLACK SPIRAL(TS761-BKS)



TS7612NA LENGTH : 240m(787FT.)  
COLOR : NATURAL



MULTI-FILAMENT WITH HEAT RESISTANT POLYAMIDE FIBER OFFERS CONTROL, INCREASED DURABILITY.



TS661 TEGCUT MULTI CX 17

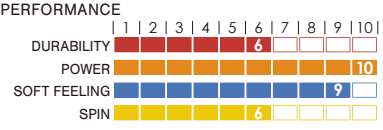
MATERIAL : Nylon mono & multi-filament with heat resistant polyamide fiber  
GAUGE : 1.24mm(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS661-NA)



TS6612NA LENGTH : 240m(787FT.)  
COLOR : NATURAL



GUT-LIKE SOFT AND VERY COMFORTABLE MULTI-FILAMENT STRING.

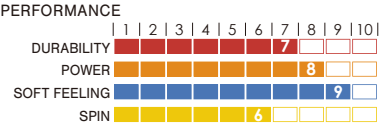


TS631 TEGCUT REMPLIR 17 LIMITED QUANTITY

MATERIAL : High elastic nylon multi-filament and high polymer mono-filament wrapping with polyurethane coating  
GAUGE : 1.24mm(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : WHITE(TS631-W)



TYPICAL MULTI-FILAMENT MODEL WITH PATENTED TECHNOLOGY FOR GOOD HITTING AND BALL BITE.

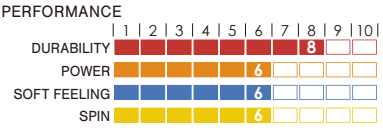


TS600 TEGCUT TEGCUT 16

MATERIAL : High elastic nylon multi-filament with special hybrid resin  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : WHITE(TS600-W)



TRADITIONAL SYNTHETIC STRING WITH GOOD ALL-AROUND PERFORMANCE.



TS403 OG-SHEEP® MICRO 16

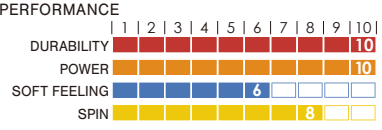
MATERIAL : Nylon mono-filament with special nylon coating  
GAUGE : 1.29mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS403-NA)  
MILKY WHITE(TS403-MW)  
BLACK(TS403-BK)



TS4032NA LENGTH : 200m(660FT.)  
COLOR : NATURAL  
TS4032MW LENGTH : 200m(660FT.)  
COLOR : MILKY WHITE  
TS4032BK LENGTH : 200m(660FT.)  
COLOR : BLACK



PRO'S PREFERENCE. HIGH ENERGY RETURN AND LOWEST TENSION LOSS.



TS706 UMISHIMA® AK PRO 16

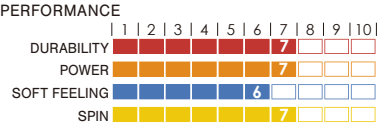
MATERIAL : Original UMISHIMA structured nylon core and wraps  
GAUGE : 1.31mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS706-NA)  
BLACK(TS706-BK)



TS7062NA LENGTH : 240m(787FT.)  
COLOR : NATURAL  
TS7062BK LENGTH : 240m(787FT.)  
COLOR : BLACK



EXCELLENT ALL-AROUND PERFORMANCE.



TS400 OG-SHEEP® MICRO SUPER 16

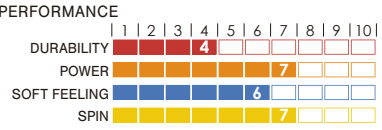
MATERIAL : High polymer nylon core and wraps  
GAUGE : 1.30mm(16GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : WHITE(TS400-W)



TS4002W LENGTH : 240m(787FT.)  
COLOR : WHITE



TRADITIONAL SYNTHETIC STRING WITH GOOD ALL-AROUND PERFORMANCE FOR ALL SEASONS AND ANY WEATHER CONDITIONS.



TS404 OG-SHEEP® MICRO 17

MATERIAL : Nylon mono-filament with special nylon coating  
GAUGE : 1.22mm(17GA.)  
LENGTH : 12.2m(40FT.)  
COLOR : NATURAL(TS404-NA)  
MILKY WHITE(TS404-MW)  
BLACK(TS404-BK)



TS4042NA LENGTH : 200m(660FT.)  
COLOR : NATURAL  
TS4042MW LENGTH : 200m(660FT.)  
COLOR : MILKY WHITE  
TS4042BK LENGTH : 200m(660FT.)  
COLOR : BLACK



TEGCUT REMPLIR 16

TS6301W COLOR : WHITE  
GAUGE : 1.29mm(16GA.)  
LENGTH : 120m(393FT.)



OG-SHEEP® MICRO 18

TS4052NA COLOR : NATURAL  
GAUGE : 1.15mm(18GA.)  
LENGTH : 200m(660FT.)



OG-SHEEP® PROFORM TUFF 15L

TS4342NA COLOR : NATURAL  
TS4342MW COLOR : MILKY WHITE  
TS4342OY COLOR : OPTIC YELLOW  
GAUGE : 1.37mm(15LGA.)  
LENGTH : 200m(660FT.)



OG-SHEEP® PROFORM TUFF 16

TS4352NA COLOR : NATURAL  
TS4352MW COLOR : MILKY WHITE  
TS4352OY COLOR : OPTIC YELLOW  
GAUGE : 1.29mm(16GA.)  
LENGTH : 200m(660FT.)



OVERGRIP

Antibacterial grip  
\*Not all bacteria are affected.

AC38  
BARRIER GRIP

COLOR : BLACK / WHITE  
S I Z E : 1050 X 30 X 0.5mm  
MADE IN JAPAN



Antibacterial grip  
\*Not all bacteria are affected.

3+1PCS/PACK  
AC38SP  
BARRIER GRIP

COLOR : BLACK / WHITE  
S I Z E : 1050 X 30 X 0.5mm  
MADE IN JAPAN



EXTRA TACK AND  
SUPER DURABILITY.  
(FOR BOTH HANDS)

AC26L  
SUPER GRIP

COLOR : BLACK / PINK / MARINE BLUE / ROSE PINK / YELLOW / WHITE / RED /  
ORANGE / SAX BLUE / LILAC / BRIGHT GREEN  
S I Z E : 1050 X 30 X 0.5mm  
MADE IN JAPAN



EXTRA TACK AND  
SUPER DURABILITY.  
(FOR BOTH HANDS)

3+1PCS/PACK  
AC26SP  
SUPER GRIP

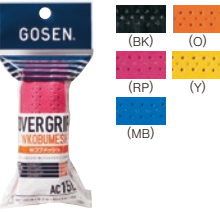
COLOR : BLACK / WHITE / MARINE BLUE / ORANGE / YELLOW  
S I Z E : 1050 X 30 X 0.5mm  
MADE IN JAPAN



DOUBLE BUMP FOR  
GRIP CONTROL.  
(FOR BOTH HANDS)

AC15L  
DOUBLE KOBU MESH

COLOR : BLACK / ORANGE / ROSE PINK / YELLOW / MARINE BLUE  
S I Z E : 1050 X 30 X 0.5~4mm  
MADE IN JAPAN



Water absorption after 30 seconds



KAIKAN GRIP



CONVENTIONAL GRIP

SWEAT ABSORPTION 5 TIMES  
AS FAST AS CONVENTIONAL GRIPS.

AC29  
KAIKAN GRIP

COLOR : BLACK / WHITE / BLUE / SALMON PINK  
S I Z E : 1050 X 30 X 0.5mm  
MADE IN JAPAN



REPLACEMENT GRIPS



MINIMIZE RACKET TWIST  
WITH TEXTURED SURFACE.

MG20

COLOR : BLACK / PURPLE  
S I Z E : 1100 X 27 X 1.8mm  
MADE IN TAIWAN



1 PC/PK  
MG40

COLOR : WHITE / DARK BLUE / BLACK /  
RED / GREEN / BLUE



SPECIAL TACKINESS  
AND SOFT FEELING.

30 PCS/BOX  
MG40BX



36 PCS/BOX  
MG40BX36

MG-40

COLOR : ASSORTED COLOR

S I Z E : 1100 X 25 X 1.7mm  
MADE IN TAIWAN



- Holds 100pcs of tennis ball / 180pcs of shuttlecock.
- Height adjustable at 5 levels.
- Collapsible for easy storage.



THE CART IS LIGHT WEIGHT WITH COMPACT.

GA80  
MULTI CART

WEIGHT : Bag : 1.0kg, Frame : 3.0kg  
MADE IN CHINA

GA81  
REPLACEMENT CASTER

COLOR : BLACK / BLUE / RED /  
PURPLE / YELLOW / WHITE  
COLOR : ASSORTED COLOR

EXTRA TACK GRIP BASIC.

MADE IN TAIWAN



12 PCS/PK  
OG111BX12



30 PCS/PK  
OG111BX30

OG111

LIMITED  
QUANTITY

COLOR : WHITE / BLACK

EXTRA TACK GRIP UPGRADE.

MADE IN TAIWAN

COLOR : WHITE / BLUE / BLACK  
COLOR : ASSORTED COLOR

EXTRA TACK GRIP BASIC PERFORATED.

MADE IN TAIWAN



3PCS BRISTER PACK  
OG110



24 PCS/BOX  
OG110BX24



60 PCS/BOX  
OG110BX60

OG110



NEW OG120

COLOR : ASSORTED COLOR

EXTRA TACK GRIP.

MADE IN CHINA



AC59BXAS  
GRIP BAND

S I Z E : 40 X 40 X 1.5mm  
MATERIAL : SILICON  
C O L O R : CLEAR / BLUE / RED / GOLD / PINK / SILVER  
PACKAGE : 60 PCS / BOX  
MADE IN CHINA



STRINGING MACHINE

GM20-EX

HIGH ACCURATE STRINGING

PC UNIT & TOUCH PANEL



Adopting new tension adjustment system.  
Tension could be set by 0.5lbs.increment.

NEW DIAL CLAMP



For both tennis and badminton  
with locking function.

CLAMP BASE



Large button to release the lock.  
Less slippage while locking.

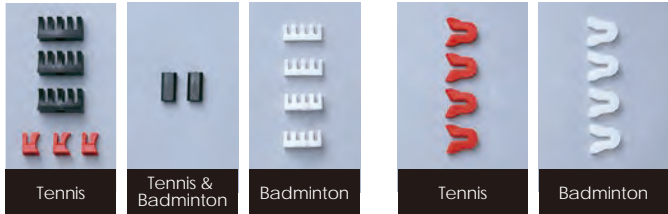
RACKET FRAME SETTING WITH LESS LOAD

CENTER BILLIARD



Various type of racket frame  
could be set without  
exchanging the billiard.  
Adjustment shaft and  
sub shaft avoid the deformation  
of racket frame.

LARGE SELECTION OF ATTACHMENT



Center billiard attachment

Side arm attachment

EFFICIENT STRINGING

BILLIARD FOR BOTH TENNIS AND BADMINTON



Smooth switching between tennis and badminton  
with special billiard.

TURN TABLE



Electric braking system  
Turn table can be auto-locked on the control panel.



Chargeable  
USB port

Height adjustment between  
720mm-890mm



TOOL KIT

GM20EX TENNIS BADMINTON

OFFICIAL STRINGER® 20EX

VOLTAGE : AC100V-220V (50/60Hz)  
FUSE : AC adapter  
SIZE : 1,034mm X 500mm X 360mm (Main Body)  
778mm X 427mm X 720-890mm (Stand)  
WEIGHT : 15.0kg(Main Body) + 14.0kg(Turn Table) + 20.0kg(Stand)  
MADE IN TAIWAN

ACCESSORIES : TENNIS / BADMINTON CLAMP X 2, STARTING CLAMP,  
BADMINTON ATTACHMENT X 4, BADMINTON BILLIARD,  
STRINGING TOOL SET  
(NIPPER X 1, STRINGER AWL X 2, PLIER X 1,  
L-SHAPED WRENCH 6mm / 5mm / 3mm)

[DIGITAL DISPLAY]  
[ L B S / K G S ] Tension setting in lbs / kgs  
[ S P E E D ] Pulling speed options (L / low, M / mid, H / high)  
[ B R A K E ] Auto / Manual braking system mode  
[ P R E - S T R ] Pre-stretch function (0%, 5%, 10%, 15%, 20%)  
[ KNOT TENSION ] 10% tension increase for knotting  
[ M U T E ] Buzzer sound off



GM ONE

WEIGHT AND SWING WEIGHT OF YOUR RACKET  
CAN BE ACCURATELY MEASURED.

GM01 TENNIS BADMINTON

SWING WEIGHT COUNTER

LIMITED  
QUANTITY

VOLTAGE : AC100V-240V(50/60Hz)  
SIZE : 476mm X 330mm X 237mm(Main Body)  
WEIGHT : 8.5kg  
ACCESSORIES : SCREWDRIVER X 1 PC, ALLEN WRENCH(2.5mm) X 1 PC,  
ALLEN WRENCH(3mm)X 1 PC  
MADE IN TAIWAN

STRINGING TOOLS



GA10T STARTING CLAMP



GA15B STARTING CLAMP  
(FOR BADMINTON)



GA16 NIPPER



GA17 PLIERS



GA18 PLIERS



GA29 STRINGER AWL



GA28 SETTING OFF AWL



GA41 STRING CUTTER



GA56 TENSION CALIBRATOR



AMAC40 GUT STOPPER  
(FOR BADMINTON)



GMHAT ATTACHMENT  
SIZE : 1.8 X 2.4cm 4 PCS/PK  
(FOR TENNIS)



GMHAB ATTACHMENT  
SIZE : 1.3 X 3.4cm 4 PCS/PK  
(FOR BADMINTON)



# HOW TO SELECT STRINGS?

Selecting a suitable string for your racket and playing style is the key to enhancing your performance. GOSEN offers a wide variety of strings to suit all players. All GOSEN strings are measured based on six core string characteristics: RESILIENCE(POWER), CONTROL, DURABILITY, SOFT FEELING, SPIN and ALL-AROUND. You should select the most suitable string to match your playing style.

## 1.SELECTING THE SERIES OF THE STRING

### G-TOUR® series

Special blended polyester strings provide high spin potential and power.

TENNIS



### G-SPIN® series

Hexagonal shape of the string creates superior spin performance.

TENNIS



### POLYLON series

Special blended polyester strings using GOSEN's advanced technology.

TENNIS



### OG-SHEEP® series

Strings that provide excellent all-around performance.

TENNIS



### UMISHIMA® series

High resilience strings with minimal tension loss.

TENNIS



### LuXair series

Hybrid of UMISHIMA structure and multifilament for seeking comfort.

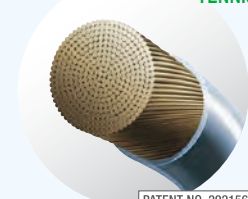
TENNIS



### TECGUT series

Similar strings to the Natural Guts, but with excellent ball biting.

TENNIS

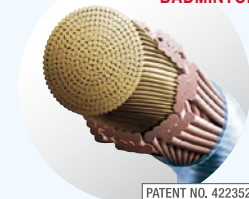


PATENT NO. 2921560

### MULTILADE series

The next generation strings consisted of multi filaments.

BADMINTON



PATENT NO. 4223524

## 2.GAUGE

### Thin strings

- Provides high resilience that ensures a good serve and volley.
- Increases the repulsion of the ball and shuttlecock and enable you to spin the ball and control the shuttlecock with ease.

### Thick strings

- Provides high stability that ensures a good groundstroke.
- Increases the accuracy of your shots and is designed for durability.

## 3.PICK A RECOMMENDED TENSION

### What is string tension?

The tension of a string refers to the amount of force used to pull the strings during racket stringing. It determines how stiff your strings feel when they are strung on a racket.

### Low Tension vs. High Tension

#### Low Tension

**TENNIS** Recommended for those seeking more power and spin. When the ball hits the strings, the energy is absorbed and automatically emitted back. The longer the ball stays in contact with the string, the more power it generates. This also increases the chance of spinning the ball more easily.

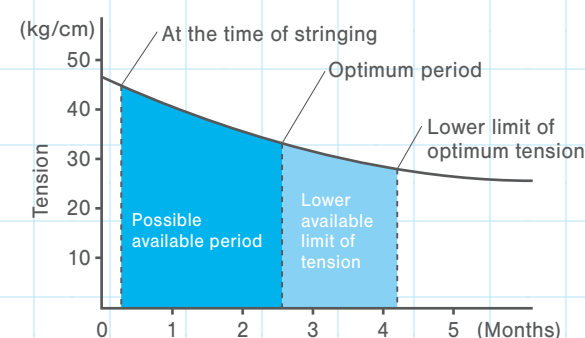
#### High Tension

**BADMINTON** Recommended for those seeking more power and crisper sound. When the shuttlecock hits the strings, player gets high resilience and sound.  
**TENNIS** Recommended for more advanced players who have the speed and seek greater control. If your racket swing is fast, the strings will not have time to absorb and emit the energy from the point of impact. This stabilises the strings faster, allowing for greater control.

## WHEN TO RESTRING YOUR RACKET

Many players only restringing their rackets when the strings are worn out, however it is best to restring your racket every three months. The quality of the string starts to degrade immediately after stringing, regardless of how often you use your racket. If you use your racket frequently, GOSEN recommends that you restring it once a month for optimum performance, and that the same strings should not be kept for longer than three months.

As it can be seen, in order to ensure that your string maintain it's optimum tension, your racket should be restrung regularly between one to three months.



All strings degrade in quality immediately after your racket is strung. This is because the strings are placed under constant stress and adversely effected by exposure to sunlight, humidity and various changes in temperature. The graph on the right illustrates the changes of the tension over the general life span of a string.

## INFORMATION FOR SERIOUS PLAYERS

As many professional players are exposed to different playing environments, they often restringing their rackets just before they play their matches.

To ensure that their strings are at the optimum tension, some players will restringing their rackets three times a day.

As strings lose their tension naturally, some players prefer to increase their desired tension by approximately 2 pounds when rackets are strung the day before.

### SIGNS TO RESTRINGING RACKET

If you experience any of the following signs, it may mean the life of the string has expired:

- String discoloration
- Dimples in areas where the strings overlap
- Dull hitting sound
- Shorter flying distance
- Stiffer feeling of strings when hitting a ball or shuttlecock

### THINGS TO CHECK AFTER RESTRINGING

- Check the brand and product name.
- Make sure that the strings are not damaged.
- Look at the strings from a slant angle and check the strings are interlaced evenly.
- Hit a ball or a shuttlecock and make sure that the strings do not become displaced.

### POINTS TO REMEMBER

- Keep the strings away from water.
  - If the strings get wet, dry it immediately
  - Do not expose the strings to sunlight for an extended period of time
  - Store the strings in places that are not too dry in winter and in well-ventilated places in humid or rainy seasons.
- \*If your racket is left wet or in the trunk of your car for several days, GOSEN recommends that you get it restrung as soon as possible.**





GOSEN contracted professional stringer  
HARUHIKO YASHIRO



# Discover your potential with HARIBITO

GOSEN aims to exceed player expectations and deliver satisfaction through our specialised stringing service.



GOSEN contracted professional stringer  
YOSHITAKA NAKAMURA

## BACKGROUND OF GOSEN HARIBITO PROJECT

Our ultimate goal is to provide the most emotional impression for the audience and the players in the sport world.

GOSEN has been in the industry for more than 60 years and is the world's first manufacturer of the "synthetic string". Our historical roots and passion for racket strings are the key concepts that underline the HARIBITO Project.

For all players to perform at their highest potential, we believe that there are 3 essential elements that must be considered, namely: 1) Quality strings, 2) Accurate stringing machine, 3) Professional stringing skills.

GOSEN focuses on all of these elements by producing high quality strings, top grade computerised stringing machines and unique stringing patterns and HARIBITO techniques. This forms the HARIBITO PROJECT.

In Japan, the term HARIBITO can be closely related to as a "doctor of strings". A certified HARIBITO member, is a stringing specialist. They have in-depth knowledge about strings, qualified HARIBITO

skills and is able to provide advice to help players in finding a suitable string and tension that matches their skills and abilities.

GOSEN's own "GOSEN STRINGING PATTERN" is used in major international tournaments. This pattern has been in use for decades in both tennis and badminton, and endorsed by professional coaches, players and managers around the world. The "GOSEN STRINGING PATTERN" is regularly reviewed and improved upon; based on current rackets in the market and feedback from users.

As professional stringers become qualified HARIBITO members, the "GOSEN STRINGING PATTERN" and HARIBITO SKILLS can be experienced by players around the world.

GOSEN holds regularly seminars to share the latest information and HARIBITO techniques to all participants

GOSEN will continue to expand the HARIBITO PROJECT to create a new standard in the racket sports and stringing industry.

### Strings

High quality strings for any type of player or shot. GOSEN produces a range of high quality strings using their precision technology.

### Machine

Top grade computerised stringing machine. GOSEN supplies precise and efficient stringing machines which ensure effective stringing to sustain optimum performance.

### Skills

Maintain the latest information and techniques related to strings and rackets. GOSEN promotes and maintains their stringing techniques through seminars and license examinations.

## GOSEN STRINGING PATTERN

***The most suitable technique for stringing rackets in the modern era***

This unique technique is widely supported and appreciated by both players and coaches around the world.

### Advanced Stringing Technique

- Simple stringing method
- No deformation of racket frame
- Even tension across the racket
- The initial stringing tension is sustained for longer
- A method that is continuously improved and adopted by stringers around the world

This world-renowned stringing pattern gets reviewed regularly by GOSEN and is continually improved to suit new rackets and strings.

## ACTIVITIES OF HARIBITO

### TENNIS

#### ● Stringing support for Japan's national team

- DAVIS CUP (JAPAN TEAM)
- BILLIE JEAN KING CUP (JAPAN TEAM)

#### ● Professional championship stringing experience

- Hana-cupid Japan Women's Open Tennis Championships
- OSAKA MAYOR'S CUP WORLD SUPER JUNIOR
- Vitro Seoul Open Challenger
- Busan Open Challenger

<http://www.gosen.jp/eng/haribito/>





# GOSEN AMBASSADORS



## BADMINTON AMBASSADORS



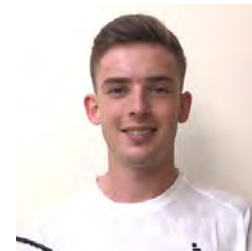
**Chris Langridge**  
( England )

BWF Men's Doubles Ranking:22  
(As of Mar. 17th, 2020)  
String:G-TONE 9 (BS069)  
Racket:GRAVITAS 9.0SX C.L. (BGV90SX)



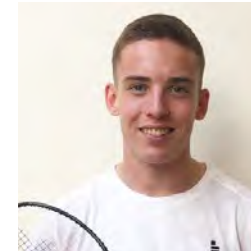
**Alexander Dunn**  
( Scotland )

BWF Men's Doubles Ranking:38  
(As of Mar. 17th, 2020)  
String:G-TONE 5 (BS065)  
Racket:GRAVITAS 8.5 SX (BGV85SX)



**Christopher Grimley**  
( Scotland )

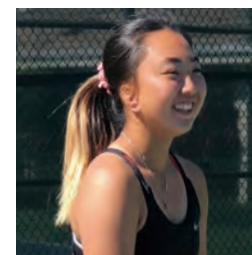
BWF Men's Doubles Ranking:60  
(As of Mar. 17th, 2020)  
String:G-TONE 5 (BS065)  
Racket:GRAVITAS 8.5 SX (BGV85SX)



**Matthew Grimley**  
( Scotland )

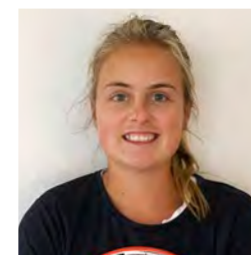
BWF Men's Doubles Ranking:60  
(As of Mar. 17th, 2020)  
String:G-TONE 5 (BS065)  
Racket:GRAVITAS 8.5 SX (BGV85SX)

## TENNIS AMBASSADORS



**JENIFFER KIDA**  
( U.S.A. )

STRING: AK PRO CX 16/17(TS760/761)



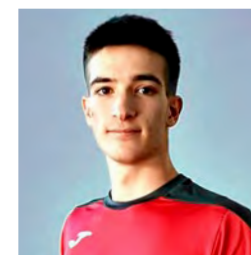
**LUCY JONES**  
( U.K. )

STRING: TECGUT REMPLIR 16(TS630)



**NIKOLA JEV TIC**  
( SERBIA )

STRING: G-TOUR®3 17(TSGT31)



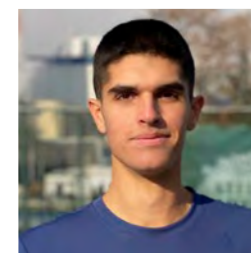
**ANDRIJA JEV TIC**  
( SERBIA )

STRING: G-TOUR®3 17(TSGT31)



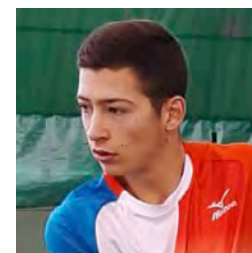
**ROGER CHOU**  
( U.S.A. )

STRING: G-TOUR®1 16L(TSGT11)



**STJEPAN ANISIC**  
( CROATIA )

STRING: SIDEWINDER 17(TS121)



**NIKOLA BASIC**  
( CROATIA )

STRING: SIDEWINDER 17(TS121)