

LARC (LIST AUTHORISED RACKET COVERINGS) N°31B 1 JANUARY 2011 – 30 JUNE 2011

Also available on the Internet: www.ittf.com (Home, Equipment, Racket Coverings)

DATE OF PUBLICATION: October 2010

The new rubbers entering List 31B will be in **bold** and *italics* and are valid with immediate effect.

Dark sponge (black, blue, brown, green, purple, red) should not be used under translucent red coverings (most red coverings are translucent).

It is the player's responsibility to use a racket covering which appears bright red, and the use of a dark sponge under a translucent top sheet is likely to make the rubber illegal. Even if racket coverings appear in this List without reference to sponge, the Law 2.4.3. governs the use of sponge.

Many racket coverings contain additional text in the rubber mould apart from the brand name and suppliers name and this does not disqualify them from the List of Authorized Racket Coverings. However, the brand name given in the list must be there (for example, Butterfly Sriver L and Butterfly Sriver S have the addition "D13"). Such texts could be positioned anywhere in the area reserved for the text on the rubber.

How to acknowledge a racket covering from this List:

1. Make certain that you have the correct list (see date of validity, they are published twice a year, in April and October).

Pdf files to be found on our website at all times: www.ittf.com.

2. The supplier and brand names as well as the ITTF logo and eventually ITTF number should be clearly visible on the rubber.

3. These names should appear in the List. If in doubt, check the images/pictures on the ITTF web site.

LEGEND

[R] or [B] Indicates that this brand name is available in only red or black respectively.

"Long" Under 'Pimple Type', this is used where the aspect ratio (= pimple height / pimple diameter) is larger than 0.89.

‡ Indicates a version available with a textile reinforcement, intended to be used without sponge.

01) Supplier number, may appear in the rubber mould together with the ITTF logo.

ITTF N°) SUPPLIER	ITTF N°) SUPPLIER	ITTF N°) SUPPLIER	ITTF N°) SUPPLIER
Brand Pimple Type	Brand Pimple Type	Brand Pimple Type	Brand Pimple Type
115) 61 SECOND	03) ANDRO	Hikari Drive In	06) ATEMI
001 Wind FT Long	001 Roxon In	Hikari SR7 In	Ace In
002 Lightning DS In	002 Roxon 500 Pro In	Long Pimple Out	Advantage In
003 Thunder LM In	003 Roxon 330 In	New Anti Spin Anti	Challenge In
	004 Blowfish Out	New Chopper In	Debut In
01) 999	005 Blowfish + Out	New Spirit Hi In	Fight Power In
"999" is also used as part of a brand name for "CRACK", "GLOBE", "JUIC", "THREE NINE", "XIYING" and "XUSHAOFA".	006 Chaos Long	Red Mark In	Ippon In
	007 Hexer In	Red Mark Type 1-3 Out	Super Champ In
	008 Hexer + In	Red Mark Type 1-4 Out	
	009 Revo Fire In	Red Mark Type 1-5 Out	07) AVALOX / AVX
	010 Hexer Duro In	Rosin Out	001 Purot In
889 Out	011 Hexer Pips Out	Twister Long	002 Sogno In
105) ADIDAS	012 Hexer Pips + Out	Twister EXT Out	Athlos In
001 Repulse 500 In	013 Sonnentau In	Vector In	Horme In
002 Repulse 700 In	Backside In	W-α Ex x Out	Mo Long
003 P 3 In	Classic Out	Warrior In	Pronte In
004 R 4 In	EX – 8 In		Purot In
005 P 5 In	Focus In		Sogno In
006 R 6 In	Impuls In	05) ARTENGO	Sterco In
	Impuls Speed In	001 930 A In	
02) AHUAYI	Logo Out	003 920 S In	08) BANCO
001 666 In	LP – 22 Long	004 950 S In	001 Extreme In
666 In	Plasma In	005 900 C In	002 Dynamic In
106) AIR	Revolution In	006 910 A Out	003 Ouragan In
"AIR" is also used as part of a brand name for "JOOLA".	Revolution C.O.R. In	007 851 O In	Allstar In
	Revolution C.O.R. ² In	008 861 O In	Diva Energie In
	Revolution C.O.R Pips Out	009 881 O In	Dreamfire In
	Revolution Fire In	010 703 O In	Excellence In
	Revolution Quad In	011 853 O In	Feeling In
001 Scirocco In	Rocket In	012 863 O In	Furio In
002 Panamera Out	Start In	013 883 O In	Futura Energie In
003 Upupupup Long	Trophy In	700 O In	Impact Energie Out
004 Classique Out	Upgrade In	702 O In	Perfect In
005 Illumina In	Zenith-G In	850 O In	Puissance In
89) AMSIR	04) ARMSTRONG	860 O In	Start ★★ In
002 Fantasy In	Aka Mark Max Out	880 O In	Start ★★★ In
003 Flutter Long	Attack 3 Type L Out	900 A In	Variation Energy In
005 Glory In	Attack 3 Type M Out	900 C In	
006 Luxury In	Attack 8 Type L Out	900 S In	10) BEST
007 Sensation Long	Attack 8 Type M Out	930 S In	"BEST" is also used as part of a brand name for "NITTAKU".
008 Surprise Long	Attack 8 Type M EXX Out	940 S In	
009 Victory In	Conqueror In		
010 Shot Out	Conqueror SS In		★★ In
			★★★ In

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
12) BOMB		Sriver G2 FX	In	18) CRACK		Desto F1	In
Apex	In	Sriver L	In	999	In	Desto F1-S	In
Bombard	In	Sriver S	In	Master	In	Desto F2	In
Hammer	Out	Stayer	In	SP	In	Desto F3	In
King Roc	Out	Super Anti	Anti	Twister	In	Duo	In
Mopha	In	Super-Sriver	In	99) CTT		Easy-Slick	In
Raider	In	Tackifire-C	In	001 National Pride	In	Gallardo Power Sound	In
Rex	In	Tackifire-D	In	002 National Strike	In	Gallardo Sound	In
Talent	Long	Tackifire SP	In	003 National Pogo	Long	Gallardo Speed	In
Tensa	In	Tackiness-C	In	004 National Hero	In	J.O. Waldner	In
Ufo	In	Tackiness-C II	In	19) DARKER		Liga	In
Violent	In	Tackiness-D	In	Provine	In	Piranja FD TEC	Long
14) BUTTERFLY		Tempest	In	Spalbird	In	Quattro	In
001 Tenergy 05	In	Tenergy	In	Vlon-S	In	Quattro A'Conda	In
002 Tenergy 25	In	Wakaba	In	20) DAWEI		Quattro Formula	In
003 Tenergy 64	In	West Will	Out	2008	In	Slice 40	In
004 Pan Asia - X	In	Yuki	In	388A	In	Solo	In
005 Spinart	In	15) CARREFOUR		388A-4	In	Sonex JP	In
006 Sriver G3	In	Top Life	In	388C-1	Out	Sonex JP Gold	In
007 Sriver G3 FX	In	16) CHAMPION		388D	Long	Sonex JP Soft	In
008 Roundell	In	"CHAMPION" is used as part of a brand name for "SCHILDKRÖT".		388D-1	Long	Supersonic	In
009 Tenergy 05 FX	In			Inspirit	In	Twingo	In
010 Tenergy 25 FX	In	Apache	In	Saviga	In	Twister 40	Out
011 Tenergy 64 FX	In	Aragorn	In	Saviga V	Long	Vari-Slick	In
012 Flarestorm II	Out	Cyclops	In	21) DONIC		Vario	In
Addoy	In	Elysion	In	001 Coppa JO Platin	In	Vario Cooper S	In
Biriba	In [R]	Flash	Long	002 Vario Gold	In	Vario Soft	In
Black	In [B]	Hexa	In	003 Alligator Def	Long	22) DONIER	
Bryce	In	Hyperion	In	006 Baracuda	In	Black Spin	In
Bryce FX	In	Iason	In	007 Coppa Speed	In	Max	In
Bryce Speed	In	Ionix	Out	008 Baxster LB	Out	Max Attack	In
Bryce Speed FX	In	Khan	In	009 Twister LB	Out	SP 2	In
Catapult	In	Mercury	In	010 Vario Big Slam	In	SP 4	In
Cermet	In	Next	In	011 Acuda S1	In	SP 8	In
Challenger Attack	Out	Partizan	In	012 Acuda S2	In	SP 12	In
Challenger Large	Out	Quantum	In	013 Acuda S3	In	Ultimate Fighting	In
D'Or	In	Spartan	In	014 Coppa X1	In	Versus	In
Driver	In [R]	Tiger I	In	015 Coppa X2	In	23) DOUBLE FISH	
Ekrips	In	Trident	In	016 Coppa X3	In	001 A One	In
Feint AG	Long	Trojan	In	017 Traction HS	In	002 FA 213	In
Feint Long II	Long	Tron	In	018 Traction MS	In	003 FC 218	In
Feint Long III	Long	Ulyssis	In	66 GS	In	004 FS 232	In
Feint-Ox	Long	Zinex	In	77 GS	In	005 FL 233	In
Feint-Soft	Long	17) CORNILLEAU		★	In	006 8338	In
Flarestorm	Out	001 ★	In	★ ★	In	007 8484	In
Flextra	In	002 ★ ★	In	★ ★ ★	In	008 1615	Long
Fräulein	In	003 ★ ★ ★	In	Akkadi Java	In	009 815	In
Large 44 DX	Out	004 ★ ★ ★ ★	In	Akkadi K 1	Out	010 820 A	Out
Lemuria	In	005 ★ ★ ★ ★ ★	In	Akkadi K 2	Out	011 830	In
Magnitude	Long	006 ★ ★ ★ ★ ★ ★	In	Akkadi L 1	Long	012 Volant	In
Morim	In	007 Performa 1	In	Akkadi L 2	Long	013 Volant 2	In
NS 44	Out	008 Performa 2	In	Akkadi Taichi	In	014 Volant 3	In
Orthodox-DX,103	Out	009 Pilot Advance	In	Alpha-Slick	In	815	In
Pan Asia	In	010 Pilot Power	In	Anti 40	Anti	820A	Out
Pecular	Out	011 Pilot Style	In	Baxster	Out	830	In
Raystorm	Out	012 Pilot Control	In	Blues	In	1615	Long
Rein	Out	013 Drive Style	In	Blues F5	In	8338	In
Relop Attack	Long	014 Drive Control	In	Coppa	In	8484	In
Relop Large	Out	015 Start Up'	In	Coppa JO	In	F.A. 213	In
Sapphira	In	★ ★	In	Coppa JO Gold	In	F.C. 218	In
Selvid	In	★ ★ ★	In	Coppa JO Silver	In	F.L. 233	In
Soft	In	★ ★ ★ ★	In	Coppa Tagora	In	F.S. 232	In
Solcion	In	★ ★ ★ ★ ★	In	Coppa Tenero	In	Volant	In
Speedy-P.O.	Out	★ ★ ★ ★ ★ ★	In				
Sprier	In	★ ★ ★ ★ ★ ★	In				
Sriver EL	In	★ ★ ★ ★ ★ ★ ★	In				
Sriver FX	In	★ ★ ★ ★ ★ ★ ★	In				
Sriver G2	In	★ ★ ★ ★ ★ ★ ★	In				

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
24) DOUBLE HAPPINESS / DHS		TNT II	In	R.I.T.C. 729-40S	In	8086	In
001 Hurricane	In	TNT III	In	R.I.T.C. 729 Cream	In	8087	In
002 Hurricane II	In	TNT Nittaku	In	R.I.T.C. 729 Dr. Evil	Out	8088	In
004 PF 4	In	25) DOUBLE POWER		R.I.T.C. 729 Faster	In	8228 A	Out
005 Skyline II	In	No. 3080	In	R.I.T.C. 729 GeoSpin	In	8228 B	In
006 Skyline III	In	26) DR NEUBAUER		R.I.T.C. 729 GeoSpin Tacky	In	Extspeed	In
008 Memo	In	001 Special Defence	In	R.I.T.C. 729 Higher	In	Maxspin	In
009 Memo II	In	002 Goliath	In	R.I.T.C. 729 SP	In	Superspeed	In
010 Memo III	In	003 Monster Classic	Long	R.I.T.C. 729 SST	In	Superspin	In
013 6512	In	004 Boomerang Classic	Long	R.I.T.C. 755	Long	Superspin G2	In
014 PF 4-1	In	005 Gorilla	Anti	R.I.T.C. 799	Out	31) GKI	
018 G 888	In	006 Grizzly	Anti	R.I.T.C. 802	Out	001 Nano Sting	Long
027 C 8	Long	007 Anti Special	Anti	R.I.T.C. 802-1	Out	002 Euro ChelonZ	In
028 Cloud & Fog II	Long	008 A - B - S	Anti	R.I.T.C. 802-40	Out	004 ChelonZ HybridZ	In
040 PF 4 Nittaku	In	009 Fighter	Long	R.I.T.C. 804	Anti	Euro ★	In
041 G 888 Nittaku	In	010 Inferno Classic	Long	R.I.T.C. 837	Long	Euro Jumbo	In
045 Tin Arc	In	Diamant	Out	R.I.T.C. 2000 Tack-Speed	In	Euro Spintec	In
046 Tin Arc II	In	Domination	In	Sky-Wing	In	Euro V	In
047 Tin Arc III	In	Leopard	Out	Super 729 FX	In	Euro XX	In
048 Gold Arc	In	Pistol	Out	Top Point	In	Nano Attack	Out
049 Gold Arc II	In	Tornado Ultra	Out	28) GAMBLER		Nano Force	In
050 Gold Arc III	In	111) DSP.CUP		001 Wraith	In	32) GLOBE	
054 Hurricane 8	In	001 Superwave.AX	In	002 Shadow	In	"GLOBE" is also used as part of a brand name for "XUSHAOFA".	
055 Hurricane 9	In	107) DUNLOP		003 Reflectoid	In		
108 Hurricane III	In	001 Blackstorm Nitro	In	4 Kings	In	001 Mo Wang	Out
651	Out	002 Blackstorm Nemesis	In	Aces	In	002 Mo Wang II	Out
652	Out	003 Venom Control	In	Outlaw	In	888	Out
6512	In	004 Venom Power	In	Peace Keeper	Out	889	Out
874	Out	005 Venom Attack	In	Six Shooter	In	889-2	Out
C7	Out	006 Venom Spin	In	112) GENOTE		979	Long
C - 8	Long	007 4D Ultimate	In	001 Peak-power	In	999	In
Cloud & Fog II	Long	27) FRIENDSHIP		29) GEWO		999T	In
Cloud & Fog III	Long	"FRIENDSHIP" is also used as part of a brand name for "KOKUTAKU", "WINNING".		001 Proton	In	Awala	In
Dipper	In			002 Stratos	In	Jinxuanfeng II	In
Dipper II	In	001 R.I.T.C 729 - 5	In	003 Reflexx	In	Jinxuanfeng III	In
Dipper III	In	002 R.I.T.C. 755 - 2	Long	004 Thunderball ²	In	Liqin	In
Dragonow	Out	003 Kokutaku New 729-2	In	Maxima	In	Magicwand	In
G555	In	004 R.I.T.C 729 - 08	In	Mega Flex Control	In	Prize	In
G666	In	005 729 105	Out	Nano	In	Taiphooon Gold	In
G666 Nittaku	In	006 729 Battle	In	Target airTEC	In	Tropy	In
G777	In	007 729 Battle II	In	Target Energy	In	Trump Card	In
G888	In	008 Origin	In	Viper cell TEC	In	34) GUOQIU	
G888 Nittaku	In	729 Focus	In	30) GIANT DRAGON		001 Gong Fu	In
Hurricane	In	729 Focus II	In	001 Taichi	In	AB	In
Hurricane II	In	729 Focus III	In	002 Karate	In	FF	In
Hurricane III	In	729 High Point	In	003 Meteorite	Long	HB	In
Magican	In	729 Kokutaku 563 - 1	Out	004 Giant Long	Long	MG	Long
Magican II	In	Kokutaku 729-40 H	In	005 Allround	In	MG II	Long
Magican III	In	Kokutaku 729-40 S	In	006 Guard	Anti	SS	Out
Memo	In	Kokutaku 755	Long	007 Submarine	In	90) HAIFU	
Memo II	In	Kokutaku 802-40	Out	008 Topenergy	In	001 Whale	In
Memo III	In	Kokutaku R.I.T.C. 729 SP	In	009 Superspin G3	In	002 Shark	In
Nittaku C 7	Out	R.I.T.C. 563	Out	010 Superspin G4	In	003 Penguin	Out
Nittaku Hurricane II	In	R.I.T.C. 563-1	Out	011 Superveloce V12	In	004 Dolphin	Out
Nittaku Hurricane III	In	R.I.T.C. 729	In	012 Dragon Talon	Long	005 Whale III	In
Nittaku Hurricane Pro II	In	R.I.T.C. 729-2	In	013 Snowflake	Long	006 Shark III	In
Nittaku Hurricane Pro III	In	R.I.T.C. 729-3	In	014 Cropcircles	Long	007 Pirates 07	In
PF 4	In	R.I.T.C. 729-40H	In	015 Blast	Out	008 Pirates 08	In
PF 4-1	In	016 612		807	Out	009 Octopus	Long
PF 4 Nittaku	In					97) HALEX	
Sharping	Out					(no other mark)	In
Sharping Nittaku	Out					XR - 3000	In
Skyline	In						
Skyline II	In						
Skyline III	In						
Surpass	In						
TNT	In						

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
35) HALLMARK		Moskito	In	45) KOKUTAKU		8512	Long
002 Podium	In	Octopus	Long	“KOKUTAKU” is also used as part of a brand name for “FRIENDSHIP”.		9012	Long
003 Friction Super Special	Long	orbit ICU	In			49) MILKY WAY	
004 Pheonix	Long	Peking	In			001 Apollo	In
005 Friction Special 2	Long	Poker	Long ‡			002 Sun	In
006 Green Power	In	Samba	In			003 Moon	In
Frustration	Long	Samba Ntec	In	Big Star	In	955	Long
Half Long	Out	Smart	In	BLütenkirsche 868	In	9000	In
Magic Pips	Out	Smash	In	BLütenkirsche 868 Tokyo	In	Earth	In
Mirage	Anti	Snabb	Out	Clitter	Out	Jupiter	In
Panther	Out	Spring Thunder	In	Friendship 729 Super	In	Mars	In
Power Spin	In	Staccato	Out	Spec-V	In	Mercury	In
104) HUARUITE		Tango	In	Spindle	In	Neptune	Long
001 Wujilong	In	Tango Extrem	In	Synchron	In	Pluto	Out
36) IMPERIAL		Tango Metallic	In	Tuple 007	In	Saturn	In
001 Factor	In	Tango Titan 3.0	In	Tuple 007 Taiwan	In	Venus	In
China	In	Tango Ultra	Out	Tuple 110	Out	50) MIZUNO	
Crash	In	Teacher	In	Tuple 119	Out	001Charge SS	In
Cyber Tacky	In	Terminator	In	Tuple 911	Long	002 Plaudit MF	In
Force	In	Thema	In	110) KTL		003 Quasar	In
Rubber 11 20 one	In	Topspin	In	001 Black Power	In [B]	004 Quasar MF	
Rubber 45 20 one	In	Tramp	In	002 Red Diamond	In [R]	Booster EV	Out
Super Strike	In	41) JUIC		46) LION		Booster SA	Out
Swift	In	001 Aircondle	In	001 Roar	In	Charge	In
38) JAPTEC		004 Nanospin	In	002 Claw	Long	Charge MF	In
Balance	In	005 Patisuma III	Out	003 Star	In	ChargePro	In
DL - 01	Long	006 Nano Spin II	In	004 2 Stars	In	HyperZone	In
Experience	In	999	In	005 3 Stars	In	Plaudit	In
Performance	In	999 Elite	In	006 Super 3	In	Polaris	Out
Precision	In	Anti Super Spin	Anti	007 5 Stars	In	Unison	In
40) JOOLA		Couga	In [B]	008 Aggressor	In	51) NB ENEBE	
001 Express	In	Dany III	In	009 Allrounder	In	★	In
002 Shark	Long	Dany V	In	010 Elite Control	In	★ ★	In
003 Orca	Long	DrivaSmash	In	2 Stars	In	★ ★ ★	In
004 Amy	Anti	DrivaSmash SV	In	3 Stars	In	Pro	In
005 Express X-Plode	In	Driva Smash Ultima	In	5 Stars	In	91) NEOTTEC	
006 Express Ultra	Out	Leggy R	Long	Aggressor	In	001 Hinomi	In
007 Phénix	In	Masterspin	Out	Allrounder	In	002 Iken	In
008 X-Plode	In	Masterspin II	Out	Elite Control	In	003 Katana	In
009 Brave	In	NanoCannon	In	International	In	004 Tokkan	Long
4 all	In	Neo Anti	Anti	Scirocco	In	005 Maxima	In
4 You	In	Offense	Out	SS 800	In	94) NEXY	
air !	In	Patisuma	Out	Star	In	001 Demian	In
Amigo	Out ‡	Patisuma II	Out	Super Attack	In	002 Kairos	Out
Anti Topspin Toni Hold	Anti	PipsAce	Out ‡	Super 3	In	003 Chaos	Long
Antispin Soft	Anti	Scramble	In	Typhoon	In	53) NIMATSU	
Badman	Long	Scramble 21	In	XA 900	In	001 Chimera	In
Basic	In	Shenron	In	47) LKT		002 Zerberus	Long
Cava	In	Spark	In	001 Rapid Speed	In	Hurricane	In
Compass	In	SpinSpiel	In	002 Rapid Power	In	Pegasus	In
Dingo	In	Varites	In	003 Rapid Sound	In	Scorpion	In
Drum	In	42) KETTLER		004 Rapid Soft	In	Spinfighter ★ ★ ★	In
EasySpin	In	Coach	In	005 Black Power	In[B]	XX5	In
Echo	In	Master	In	006 Red Diamond	In[R]	54) NITTAKU	
Energy	In	Professional	In	Pro XP	In	“NITTAKU” is also used as part of some brand names for “DOUBLE HAPPINESS/DHS”.	
Energy X-tra	In	43) KILLERSPIN		Pro XT	In		
Fiesta	In	001 Blast	In	Recoil	In		
GX 75	In	002 Fortissimo	In	Torrent E.G.S.	In		
Mambo	In	003 GT 2	In	48) METEOR			
Mambo C	In	Nitrx-4Z	In	575	Out	001 Moristo RS	In
Mambo GP	In	44) KINSON		71-1	Long	002 Renanos Bright	In
Mambo H	In	Perfect	In	71-2	Out	003 Specialist Hibiki	Out
		Super Spin	In	813	In	004 Narucross 44	Out
				835	In		
				845	Out		

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
005 Annsort	In	Hadou	In	003 Gears	In	Destroyer	Long
006 Hammond FA Speed	Out	Hidden Dragon	In	005 Ghost	Out	Doer	In
007 Hammond Pro ß	In	HK1997	In	006 Code	Long	Drive	In
008 Renanos BS	In	Macro	In	007 T88 Taiji	In	Energy Absorber	Anti
009 Renanos Hold	In	Macro Pro	In	008 T88	In	Evo	In
011 Narucross GS	In	Maximo	In	009 T88 - I	In	Future	In
012 Learner	In	Wildish Dragon	In	010 T88 - II	In	Innova	In
013 Wallest	Out	WP1013	Out	011 T88 - III	In	Innova Premium	In
015 Fastarc G-1	In	56) PEACE		113) SAVIGA		Innova Ultra Light	In
016 Fastarc S-1	In	"PEACE" is also used as part of a brand name for "GAMBLER".		"SAVIGA" is also used as part of a brand name for "DAWEI".		Innova Ultra Light Synergy Tech	In
017 Galze	In					Magic	In
018 Royallarge	Out	001 LGO 44	Out	001 Turbo	In	Magna	In
019 Retora	In	C'oma	In	002 Fantasy	Long	Mendo	In
Arufeel	In	G'enstar	In	63) SCHILDKRÖT		Mendo Energy	In
Best Anti	Anti	Leo	In	Avantgarde ★★ ★	In	Mendo MP	In
Express	Out	Nova	In	Champion ★★ ★★ ★	In	Neos	In
Graffiti	In	Vela	In	Elite	In	Neos Sound	In
Hammond	In	57) POINT BLANK		Energy	In	Neos Sound Synergy Tech	In
Hammond FA	Out	Illusion	In	Jade	In	Neos Synergy Tech	In
Hammond Pro α	In	One Star	In	Prestige	In	Neos Tacky	In
Hammond X	In	Star	In	Spinmax	In	Optimum MP	In
Hi-Super Drive	In	Super Star	In	108) SPINLORD		Premium	In
Japan Original	In	Three Star	In	001 Marder	In	Radical	Out
J.O. Pen	In	Topgun	In	002 Tiger	In	Royal	Out
J.O. Shake	In	Top Star	In	003 Adler	In	Stream	In
J.O. Waldner	In	Two Star	In	004 Zeitgeist	Long	Triumph	In
J.O. Waldner S.C.	In	58) PRASIDHA		005 Stachelfeuer	Long	69) SUNFLEX	
Magic Carbon	In	001 Apple	In	93) SPOKEY		001 Expert Xonox	In
Micro	In	820	Out	001 Master	In	002 Expert Zeno	In
Moristo 2000	In	830	In	66) SPORTCRAFT		AF 50	In
Moristo 44	Out	838	In	★ ★ ★ ★	In	BZ 60	In
Moristo DF	In	1615	Long	★ ★ ★ ★ ★	In	Mandarin	In
Moristo FG	In	Action	Out	67) STAG		Mikado	In
Moristo LP	Long	Frankfurt	In	001 Peter Karlsson	In	Mogul	In
Moristo LP One	Long	Hamburg	In	002 Peter Karlsson Training	In	Samurai	In
Moristo SP	Out	Long A	Long	003 High Tension Explosive	In	Shogun	In
Narucross	In	Osaka	In	All Round	In	Sun-Control	In
Narucross EX	In	Speed - F	Out	Ninja Attack	In	Sun-Power	In
Narucross tension	In	Tokyo	In	Ninja Fire	In	Taipan	In
Nodias	In	Twister 8338	In	Power Drive	In	70) SWORD	
Pimplemini	Out	60) REACTOR		Thunder Spin	In	001 Break	In
Pimplemini One	Out	Boaz	In	68) STIGA		002 Paladin	In
Refoma	In	Ckylin	In	001 Boost TP	In	003 Scylla	Long
Renanos	In	Corbor	In	002 Boost TC	In	005 Maze	In
Screw	Long	Novar	In	003 Boost TS	In	006 Nano	In
Screw One	Long	Sonix	In	004 Boost TX	In	2000-F	In
Specialist Chikara	Out	Thunder	In	005 JMS EVO 1	In	Hero	In
Specialist One	Out	Tornado	In	006 Magna TC II	In	King	In
Specialist Soft	Out	61) RUCANOR		007 Magna TS II	In	RG	In
Specialist Soft HS	Out	001 Competition	In	008 Calibra LT	In	88) TALENT	
Spiral	In	Competition	In	009 Calibra LT Sound	In	"TALENT" is also used as part of a brand name for "BOMB".	
Super Large	Out	Mogi Ura	In	010 Power LT	In	001 Spider King	In
Tracer	In	Orient	In	Almana	In	72) TECNOPRO	
Universal- Ribbon	In	TTB-150	In	Almana Sound	In	Competition	In
Universal- Ribbon	Out	87) SAN - EI		Almana Sound Synergy Tech	In	Expert	In
55) PALIO		001 Taipan	In	Carbo	In	Supercom	In
001 Macro ERA	In	002 Samurai	In	Carbo MC	In	Tournament	In
002 Conqueror	In	003 Shogun	In	Carbo Sound	In	73) THREE NINE	
003 Flying Dragon	Out	62) SANWEI		China Extreme	In	999 T-1	In
004 Power Dragon	Out	001 Target	In	Chop & Drive	In	999 T-2	In
005 Thor's	In	002 Rings Link	In	Clippa	Out	999 T-3	In
006 Blit'z	In	62) SANWEI		Cobra 2000	In	Super 999 T	In
AK47	In	62) SANWEI		62) SANWEI		62) SANWEI	
Amigo	In	62) SANWEI		62) SANWEI		62) SANWEI	
CJ8000	In	62) SANWEI		62) SANWEI		62) SANWEI	
CK531A	Long	62) SANWEI		62) SANWEI		62) SANWEI	
Drunken Dragon	In	62) SANWEI		62) SANWEI		62) SANWEI	
Emperor Dragon	In	62) SANWEI		62) SANWEI		62) SANWEI	

ITTF N°) SUPPLIER	Brand	Pimple Type	ITTF N°) SUPPLIER	Brand	Pimple Type	ITTF N°) SUPPLIER	Brand	Pimple Type	ITTF N°) SUPPLIER	Brand	Pimple Type
74) TIBHAR			008 Rise Speed	<i>In</i>		109) WIN			82) YAPING		
001 Sinus	In		730	In		001 Spear	In		139	In	
002 Grass Flex	Out		Actor	In		002 Aegis	In		83) YASAKA		
003 Grass Ultra	Long		Barri - Up	In		003 Axe	In		001 Pryde	In	
004 Primus	In		Bjorn	In		004 Bow	In		002 Pryde 30	In	
005 Genius	In		Bolt	In		78) WINNING			003 Xtend LB	Out	
006 Nianmor	In		Brio	In		738 Super	In		004 Cadet	In	
007 Aurus	In		Cesalo	In		Friendship 729 Super TSS	In		005 Marvelous	Out	
008 Grip - S	In		Curl P-1 R	Long		King Power Komann	In		006 Pryde 40	In	
009 Genius +	In		Curl P-2	Out		Komann	In		007 Rakza 7	In	
010 Mythik	Long		Curl P-3	Long		Komann Super Fit	In		008 Rakza 9	In	
011 Karisma	In		Curl P-3α R	Long		NP - 1	Out		009 Rakza 7 Soft	In	
012 Evolution FX - P	<i>In</i>		Cut Man	In		NP - 2	Out		010 Rakza 9 Soft	In	
013 Evolution MX - P	<i>In</i>		D-Top	In		NP - 6	Out		011 Mark V HPS	In	
014 Grip - S Europe	<i>In</i>		Giant	In		NP - 8	Out		012 Mark V HPS Soft	In	
Black Techno	In [B]		Hiyaku	In		79) XIOM			013 Rakza PO	Out	
Bungee	In		L Catcher	Out		001 Sigma	In		Anti Power	In	
Dang	In		Milli Tall II	Out		002 Zeta	In		A-1-2 A-1	Out	
Ellen	Anti		Miracle	Out		003 Omega IV	In		A-1-2 A-2	Out	
Extra Long	Long #		Miracle Super	Out		004 Flamenco	In		Cobalt α	Out	
Grass	Long		Real	In		005 Sigma I	In		Cobalt X1	Out	
Grass D. TecS	Long		Spectol	Out		006 Sigma II	In		Cobalt X2	Out	
Learn Cont	In		Summit	In		007 Sigma III	In		Extreme Speed	In	
Learn Spin	In		Super Spinpips	Out		008 Vega Europe	In		Fusion	In	
Legend	In		Tarbit	In		009 Vega Asia	In		Large Pro	Out	
Makss	In		Tation	In		010 Sigma I Japan Special	In		Mark V	In	
Nimbus	In		T - Rex	In		011 Zava 1	Out		Mark V AD	In	
Norm	In		Triple	In		012 Vega Pro	In		Mark V GPS	In	
Phantom	In		Tyranno	Out		013 Vega Elite	In		Mark V M ²	In	
Rapid	In		U Q	In		014 Tau I	<i>In</i>		Mark V XS	In	
Rapid D. TecS	In		X's	In		015 Tau II	<i>In</i>		New Era	In	
Rapid Soft	In		X's F-1	In		016 Tau III	<i>In</i>		Original	In	
Rapid X-Press	In		X's F-1 V	In		017 Pro	<i>In</i>		Original	Out	
Rookie D. TecS	In		77) TT MASTER			018 Omega IV Asia	<i>In</i>		Original A-1	Out	
Samurai	In		001 Fireproof II	Long		019 Omega IV Europe	<i>In</i>		Original A-2	Out	
Serie 2000	In		002 Punto	Long		020 Omega IV Elite	<i>In</i>		Original Extra	In	
Speedy S/L	In		005 Master Spin	In		021 Vega Pro China	<i>In</i>		PB-1	Out	
Speedy Soft	Out		006 Master Anti	Anti		<i>Special</i>	<i>In</i>		Phantom 007	Long	
Speedy Soft D. TecS	Out		007 Selection	Long		022 Vega Asia China	<i>In</i>		Phantom 008	Long	
Speedy Spin	In		Fireproof	Long		<i>Special</i>	<i>In</i>		Phantom 009	Long	
Speedy Spin Premium	In		S - Max	In		Guillotine - S	Long		Phantom 0011 ∞	Long	
Standard	In		96) TUTTLE			Max - Leverage	In		Phantom 0012 ∞	Long	
Storm	In		001 Beijing	In		Omega I	In		Top 12	In	
Super Defense 40	In		002 World No. 1	In		Omega II	In		Vision	In	
Torpedo	In		003 AAA	In		Omega III	In		V Stage	In	
Vari Spin	In		004 LV	<i>In</i>		Pro - Exclusive	In		Wallie	In	
Vari Spin D. TecS	In		005 888	<i>In</i>		Pro - Z	In		Xtend	In	
Volcano	In		006 Spring - 3B	<i>In</i>		Styx - SP	Out		Xtend HS	In	
75) TONI HOLD			007 Summer - 3C	<i>Out</i>		True - Innovation	In		Xtend PO	Out	
"TONI HOLD" is also used as part of a brand name for "JOOLA".			008 Autumn - 3D	<i>Out</i>		Yanus - DF	In		Zap	In	
			009 Winter - 3E	<i>Out</i>		80) XIYING			84) YASHIMA		
Anti Topspin New 40	Anti		85) V 3 TEC			889	Out		Competition XR3000	In	
76) TSP			001 Spin Attack X3	In		979	Long		Go Sport XR3000	In	
001 Curl P-H	Long		002 Fast Control S1	In		999	In		Go Sport XX5	In	
003 Deus	In		003 Power Drive Y5	In		81) XUSHAOFA			Upper Spin		
004 Grandy	In		117) VICTAS			999	In		Competition XR7	In	
005 Agrit	<i>In</i>		001 VO - 101	<i>Out</i>		999 LSZ	In		XX3	In	
006 Agrit Speed	<i>In</i>		002 VLB - 301	<i>Out</i>		999 Yang	In		XX-5	In	
007 Rise	<i>In</i>		003 VS - 401	<i>In</i>		999 ZCD	In				
						Globe 999	In				



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THE INTERNATIONAL TABLE TENNIS FEDERATION (ITTF) – Chemin de la Roche 11 – 1020 Renens – Switzerland

Tel + 41 21 340 70 90 – Fax + 41 21 340 70 99 – E-mail: itff@itff.com