

AUTHORISED RACKET COVERINGS:

1 JANUARY 2004 - 30 JUNE 2004*

LIST NO. 24B ALSO ON THE INTERNET: www.ittf.com (Equipment, Racket Coverings)

Information that did not appear in list 23 is shown in *Italics*. The new rubbers entering the list in October (List 24B) are in **bold** and *italics*. 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 Authorised Racket Coverings. However, the text given in the list **must** be there. For example, Butterfly Sriver L also carries the text "D13-L" and Butterfly Sriver S has the addition "D13-S", and this text could be positioned anywhere in the area reserved for the text on the rubber.

*On a trial basis the list will be published twice this season (List 24 & List 24B). List 24B includes some new rubbers and some rubbers have been withdrawn according to the wish of the manufacturers. List 24B is published in October and is valid from 1 January until 30 June 2004.

LEGEND

- [R] or [B] Indicates that this brand name is available in only red or black respectively.
 "Long" Under 'Type' is used where the aspect ratio (= pimple height / pimple diameter) is larger than 0.9.
 ‡ Indicates a version available with a textile reinforcement, intended to be used without sponge.

SUPPLIER Brand	Type
999	
889	Out
979	Long
ACUMEN	
Mrk 1	Out
Shortloader Ice	Out
AHUAYI	
666	In
699	Out
969	Long
996	Out
Pioneer	In
ANDRO	
Backside	In
Classic	Out
Clou	Long
Focus	In
Granet	Long ‡
Impuls	In
Logo	Out
Maxcell	In
Revolution	In
<i>Revolution C.O.R.</i>	<i>In</i>
Revolution Fire	In
Revolution Glue	In
<i>Rocket</i>	<i>In</i>
Start	In
Trophy	In
Upgrade	In
Victory	In
V.I.P.	Long
Zenith-G	In
ARMSTRONG	
Aka Mark Max	Out
Attack 3 Type L	Out
Attack 3 Type M	Out
Attack 3 Type S	Out
Attack 8 Type M	Out
Chopper	In
Conqueror	In
Conqueror SS	In

SUPPLIER Brand	Type
Hikari Drive	In
Hikari SR7	In
King Maker	In
Long Pimple	Out
New Anti Spin	Anti
New Chopper	In
New Spirit	In
New Spirit Hi	In
Prexy	In
Red Mark	In
Red Mark Type 1-3	Out
Red Mark Type 1-4	Out
Red Mark Type 1-5	Out
Rosin	Out
Twister	Long
Vector	In
<i>W-α Ex x</i>	<i>Out</i>
Warrior	In
Warrior SS	In
Win	In
ATEMI (NTT AS)	
Challenge	In
Debut	In
Fight Power	In
Ippon	In
Super Champ	In
AVALOX / AVX	
Mo	Long
Pronte	In
Purot	In
Sogno	In
BANCO	
Activa	In
Allstar	In
China Spin	In
Diva	In
Diva Energie	In
Diva Energie +	In
Diva Power	In
Dream	In
Fame	In
Feeling	In

SUPPLIER Brand	Type
Furio	In
Futura Energie	In
Futura Variation	In
Impact Energie	Out
Perfect	In
Progres	In
Start	In
Start ☆☆	In
Start ☆☆☆	In
BANDA	
China TS	In
Rossa	In
Rossa Soft	In
Sigma	In
BOMB	
Apex	In
Bombard	In
Hammer	Out
King Roc	Out
Mopha	In
Raider	In
Rex	In
Talent	Out
Tensa	In
Ufo	In
Violent	In
BUTTERFLY	
Addoy Soft	In
Biriba	In [R]
Black	In [B]
Bryce	In
Bryce FX	In
Catapult	In
Cermet	In
Challenger Attack	Out
Challenger Chop	Out
Challenger Large	Out
<i>D'Or</i>	<i>In</i>
Driver	In [R]
Ekrips	In
Feint Long II	Long
Feint Long II Ox	Long

SUPPLIER Brand	Type
Feint-Ox	Long
Feint-Soft	Long
Flextra	In
Fräulein	In
Impartial-20	Out
Magnitude	Out
Morim	In
Orthodox-DX103	Out
Pan Asia	In
Pecular	Out
Raystorm	Out
Rein	Out
Relop	Out
Relop Attack	Out
Relop Attack Ox	Out
Relop Large	Out
Resilon	Out
<i>Sapphira</i>	<i>In</i>
Selvid	In
Soft	In
Speedy-Po	Out
Sprier	In
Sriver EL	In
Sriver FX	In
<i>Sriver G2</i>	<i>In</i>
Sriver-Killer	Anti [R]
Sriver L	In
Sriver S	In
Stayer	In
Super Anti	Anti
Super-Sriver	In
Tackifire-C	In
Tackifire-D	In
Tackifire SP	In
Tackiness-C	In
Tackiness-D	In
Tempest	In
Wakaba	Out
<i>West Will</i>	<i>Out</i>
Yuki	In
CHAMPION	
1300	In
1500	In

SUPPLIER Brand	Type
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1700	In
3000	In
5000	In
9000	In
Attaka	In
<i>Cyclops</i>	In
Hyperion	In
Le Coup	In
Michelangelo	In
Neomax 40	In
<i>Next</i>	In
Pro-Z	In
<i>Quantum</i>	In
<i>Trident</i>	In
Xiom 40	In
<i>Xiom 40 Max Leverage</i>	In
<i>Xiom 40 Pro-Exclusive</i>	In
<i>Xiom 40 True Innovation</i>	In

CORNILLEAU

☆☆	In
☆☆☆	In
☆☆☆☆	In
☆☆☆☆☆	In
☆☆☆☆☆☆	In

CUP'S

Competition	In
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DARKER CO

Provine	In
Spalbird	In
Vlon-S	In

DAUPHIN

<i>Mega-Drive</i>	In
<i>Mega-Drive SV</i>	In

DAWEI

388A	In
388A-2	In
388A-4	In
388B	Out
388C-1	Out
388D	Long

DELTA

Elan	In
Sensito MTS	In
Supreme	In

DONIC

66 GS	In
77 GS	In
☆	In
☆☆	In
☆☆☆	In
Alpha-Slick	In
Anti 40	Anti
Baxter	Out
Blues	In
Blues Axento	In
Blues F5	In
Coppa	In
Coppa Tagora	In
Coppa Tenero	In
Desto	In
Desto F1	In
Desto F1-S	In
Desto F2	In
Desto F3	In
Desto Met	In
Easy-Slick	In

SUPPLIER Brand	Type
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J.O. Waldner	In
Liga	In
Piranja 2	Long ‡
Piranja FD	Long
<i>Piranja FD TEC</i>	Long
Slice	In
Slice 40	In
Solo	In
<i>Sonex</i>	In
<i>Sonex Formula</i>	In
Sting	Long
Supersonic	In
Twister 40	Out
Vamp	Long
Vari-Slick	In
Vario	In
<i>Vario Cooper S</i>	In
Vario Mach 1	In
Vario Soft	In

DONIER

Black Spin	In
Hard Attack	In
<i>Max</i>	In
<i>Max Attack</i>	In
SP 2	In
SP 4	In
SP 8	In
SP 12	In
Ultimate Fighting	In
Versus	In

DOUBLE FISH

815	In
820	Out
820A	Out
830	In
1615	Long
8338	In
8484	In
F.A. 213	In
F.C. 218	In
F.L. 233	In
F.S. 232	In

DOUBLE HAPPINESS / DHS

651	Out
652	Out
6512	In
874	Out
C7	Out
C-8	Long
Cloud & Fog	Long
Cloud & Fog II	Long
<i>Cloud & Fog III</i>	Long
<i>Dipper</i>	In
<i>Dipper II</i>	In
<i>Dipper III</i>	In
<i>Dragonow</i>	Out
Dragonow Nittaku	Out
G555	In
G666	In
G666 Nittaku	In
G777	In
G888	In
G888 Nittaku	In
Hurricane	In
Hurricane II	In
Hurricane III	In
Lighting	Out
<i>Magican</i>	In
<i>Magican II</i>	In

SUPPLIER Brand	Type
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<i>Magican III</i>	In
Nittaku Hurricane II	In
Nittaku Hurricane III	In
Nittaku Hurricane Pro II	In
Nittaku Hurricane Pro III	In
PF4	In
PF4-Nittaku	In
PF4-1	In
PF4-652 Nittaku	Out
<i>Sharping</i>	Out
<i>Sharping II</i>	Out
<i>Sharping III</i>	Out
Sharping Nittaku	Out
<i>Skyline</i>	In
<i>TNT</i>	In
<i>TNT Nittaku</i>	In

DR NEUBAUER

<i>Leopard</i>	Out
<i>Super Block</i>	Long
<i>The Wall</i>	Long
<i>Tornado Ultra</i>	Out

DUNLOP

Allround	In
Spinner	In

DYNAMICS

Fast Control S1	In
Power Drive Y5	In
Spin Attack X3	In

FRIENDSHIP

837	Long
<i>Kokutaku 729-40 H</i>	In
<i>Kokutaku 729-40 S</i>	In
<i>Kokutaku 755</i>	Long
Kokutaku 802-1	Out
<i>Kokutaku 802-40</i>	Out
<i>Kokutaku R.I.T.C. 729 SP</i>	In
R.I.T.C. 563	Out
R.I.T.C. 563-1	Out
R.I.T.C. 729	In
R.I.T.C. 729-2	In
R.I.T.C. 729-3	In
R.I.T.C. 729-40H	In
R.I.T.C. 729-40S	In
R.I.T.C. 729-PF1	In
R.I.T.C. 729-PF4	In
R.I.T.C. 729 Cream	In
<i>R.I.T.C. 729 SP</i>	In
R.I.T.C. 729 SST	In
R.I.T.C. 755	Long
R.I.T.C. 799	Out
R.I.T.C. 799-1	Out
R.I.T.C. 802	Out
R.I.T.C. 802-1	Out
R.I.T.C. 802-40	Out
R.I.T.C. 804	Anti
R.I.T.C. 2000 Tack-Speed	In
Super 729 FX	In

GEWO

Loop	In
Maxima	In
Mega Flex Control	In
Target airTEC	In
Thunderball	In

GIANT DRAGON

807	In
8087	In
8088	In

SUPPLIER Brand	Type
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8228	Out
8228 A	Out
8228 B	In
Superspin	In
GKI	
Euro ☆	In
Euro Jumbo	In
Euro Spintec	In
Euro V	In
Euro XX	In

GLOBE

888	Out
889	Out
979	Long
999	In
999T	In
Jinxuanfeng II	In
Jinxuanfeng III	In

GOLD WAY

899	In
901	In
916	In
968	In
F933	Out
S9	In
S936	Out

HALEX

(no other mark)	In
XR 3000	In

HALLMARK

Dr Neubauer Magic Pips	Out
Dr Neubauer Revolution	Anti
Dr Neubauer Super Defence	Long
Dr Neubauer Super Special	Long [R]
<i>Half Long</i>	Out

IMPERIAL

Allround	In
Crash	In
Dingo	In
Fire	In
<i>Force</i>	In
Magic Swing	Out
Master	In
New Anti-Spin	Anti
Rubber 11 20 one	In
Rubber 45 20 one	In
Standard	In
Super Strike	In
Swift	In
Swing II	Long

INESIS

5000	In
7000	In
7300	In
9000	In
9100	In
9300	In

JIANJIANG

J 992	In
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JIANMEI

889GQX	Out
909GQX	In
919GQX	In
929GQX	In
999GQX	In

SUPPLIER Brand	Type
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JOOLA

4 all	In
4 You	In
air !	In
Amigo	Out ‡
Anti Topspin T. Hold	Anti
Antispin Long Pips	Long ‡
Antispin Soft	Anti
Badman	Long
Basic	In
Cava	In
Clipper	In
Compass	In
Concret	In
Dingo	In
EasySpin	In
Echo	In
Fakir	Long
Fiesta	In
GX 75	In
Mambo	In
Moskito	In
Peking	In
Poker	Long ‡
PrismaSpin	In
Pulse	In
Samba	In
Samba Klick	In
Smart	In
Smash	In
Staccato	Out
Tango	In
Tango Extrem	In
Tango Metallic	In
Tango Ultra	Out
Teacher	In
TecSpin	In
Telum	In
Telum Soft	In
Terminator	In
Thema	In
Topspin	In
Tramp	In
Turbo Orthodox	Out ‡
Turbo Soft	Out

JUIC

889 Neo	Out
Anti Super Spin	Anti
Dany III	In
Dany V	In
DrivaSmash	In
DrivaSmash SV	In
Driva Smash Ultima	In
Hirubia	In
Juickaiza	In
Juickaiza SV	In
Juic 889	Out
Juic 999	In
Juic 999 Élite	In
Leggy R	Long
Masterspin	Out
Montjuic Super	In
Neo Anti	Anti
Offense	Out
PipsAce	Out ‡
Scramble	In
Scramble 21	In
Spark	In
SpinSpiel	In

SUPPLIER Brand	Type
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SpinTex	In
Varites	In
KETTLER	
Coach	In
Master	In
Professional	In
KILLERSPIN	
ForZa	In
Fury	In
Nitrx	In
Nitrx-4Z	In
KINSON	
Allround	In
Longpip	Long
Perfect	In
Powerful	Out
Spin Pip	Out
Super Spin	In
KOKUTAKU	
Big Star	In
Clitter	Out
Friendship 729 Super	In
Spec-V	In
Spindle	In
Synchron	In
LINGTON SPORTS	
Competition	In
LION	
2 Stars	In
3 Stars	In
Aggressor	In
Allrounder	In
Elite Control	In
Hurricane	In
International	In
Scirocco	In
Star	In
Super Attack	In
Super 3	In
Typhoon	In
METEOR	
71-1	Out
71-2	Out
575	Long
813	In
835	In
845	Out
9012	Long
L-8512	Long
MILKY WAY	
955	Long
9000	In
NIMATSU	
Hurricane	In
Mustang	In
Scorpion	In
Spinfighter ☆☆☆	In
XX5	In [B]
NITTAKU	
Allround Soft	In
Avalox Cortina	In
Avalox Pronte	In
Best Anti	Anti
Blue Ribbon	In
Effector	In

SUPPLIER Brand	Type
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Ellgard	In
Express	Out
Glasnost	In
Golden	In
Graffiti	In
Hammond	In
Hammond FA	Out
HammondPro α	In
HammondPro β	In
Hi-Super (Drive)	In
J.O. Pen	In
J.O. Shake	In
J.O. Waldner	In
J.O. Waldner S.C.	In
Learner	In
Magical Spin	In
Magic Carbon	In/Out
Micro	In
Midship	In
Midship SC	In
Milford	In
Minical One L	Out
Minical One M	Out
Moristo	In
Moristo 2000	In
Moristo 44	Out
Moristo DF	In
Moristo FG	In
Moristo LP	Long
Moristo LP One	Long
Moristo One	Out
Moristo SP	Out
Moristo SP - HS	Out
Narucross	In
Narucrossstension	In
Pimplemini	Out
Pimplemini One	Out
Screw	Long
Screw One	Long
Specialist One	Out
Specialist Soft	Out
Specialist Soft HS	Out
Spiral	In
Talcus	In
The Game	In
Tracer	In
Universal-Ribbon	In/Out
PALIO	
AK 47	In
Amigo	In
CJ8000	In
CK 531 A	Long
Hadou	In
HK 1997	In
Macro	In
Maximo	In
WP 1013	Out
PEACE	
Columba	In
C'oma	In
G'enstar	In
Nova	In
Vela	In
POINT BLANK	
Deluxe	In
Emwe	In
Illusion	In
Number One	In
Topgun	In

SUPPLIER Brand	Type
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PRASIDHA	
88	In
815	In
820	Out
820A	Out
820B	Anti
829	In
830	In
838	In
1615	Long
Twister 8338	In
PRIZE	
Globe 1999	In
Liqin	In
LQ	In
Sh	Out
Taiphoon Gold	In/Long
Trophy	In
Tropy LQF	In
Trump Card	In
Zh	Out
PROMA	
Control-Top	In
Scala	In
Spin-6	In
RUCANOR	
Competition	In
Mogi Ura	In
Orient	In
TTB 150	In
SANWEI	
T - 88	In
SCHILDKRÖT	
Avantgarde ☆☆☆	In
Champion ☆☆☆☆☆	In
Elite	In
Energy	In
Jade	In
Prestige	In
Spinmax	In
SKITT	
Anaconda	In
Duo	In
Quattro	In
Uno	In
SPORTCRAFT	
☆☆☆☆	In
☆☆☆☆☆	In
STAG	
(no other mark)	In
All Round	In
Explosive	In
Ninja Attack	In
Thunder Spin	In
STIGA	
Centro	In
China Extreme	In
Chop & Drive	In
Clippa	Out
Cobra 2000	In
Destroyer	Long
Doer	In
Drive	In
Energy Absorber	Anti
Evo	In

SUPPLIER Brand	Type
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<i>Future</i>	<i>In</i>
Innova	In
Innova Premium	In
Innova Ultra Light	In
Magic	In
Magna	In
Mendo	In
Mendo Energy	In
Mendo MP	In
<i>Neos</i>	<i>In</i>
<i>Neos Sound</i>	<i>In</i>
<i>Neos Tacky</i>	<i>In</i>
<i>Premium</i>	<i>In</i>
Radical	Out
<i>Stream</i>	<i>In</i>
Syncro 45	In
Taiphooon	In
Triumph	In
Tween	In

SUNFLEX

Break Sportline Allround	In
Break Sportline Offensive	In
Japtec Balance	In
Japtec Experience	In
Japtec Performance	In
Japtec Precision	In
Mandarin	In
Mikado	In
Mogul	In
Samurai	In
San Ei Mikado	In
San Ei Samurai	Anti
San Ei Shogun	In
San Ei Taipan	In
Shogun	In
Spikes	Out
Sun-Control	In
Sun-Power	In
Taipan	In

SWORD

2000-F	In
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TECNOpro

Competition	In
Expert	In
Supercomp	In
Tournament	In

THREE BALL

Spinny	In
Superball	In
Topper	In
Weapon	In

THREE NINE

<i>Super 999 T</i>	<i>In</i>
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TIBHAR

Black Techno	In [B]
Cata-Inazuma-Spin	In
Cata-Spin	In
Control Spin	In
Dang	In
Ellen	Anti
Extra Long	Long ‡

SUPPLIER Brand	Type
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Grass	Long
<i>Grass D. TecS</i>	<i>Long</i>
Grass Devil	Long
Grass Spezial 2000	Long ‡
Grass Spezial 3000	Long
Intra	In
Learn Cont	In
Learn Spin	In
Makss	In
Nianmor	In
Norm	In
Rapid	In
Rapid D. TecS	In
Rapid Soft	In
<i>Rapid X-Press</i>	<i>In</i>
Red Power	In [R]
Rookie D. TecS	In
Serie 2000	In
Speedy S/L	In
Speedy Soft	Out
Speedy Soft D. TecS	Out
Speedy Soft Pro	Out
Speedy Spin	In
Speedy Spin Premium	In
Standard	In
Storm	In
Super Defense 40	In
Supra	In
<i>Torpedo</i>	<i>In</i>
Vari Spin	In
Vari Spin D. TecS	In

TONI HOLD

Anti Topspin New 40	Anti
Virus II	Out
Virus 2000	Long

TSP

730	In
Actor	In
Bamboo Curl P-1	Long
Bolt	In

Brio

<i>Brio</i>	<i>In</i>
Cesalo	In
Curl P-1 R	Long
Curl P-2	Out
Curl P-3	Long
Curl P-3α R	Long
Cut Man	In
D-Top	In
Giant	In/Out
Giant-Pro	In
Hiyaku	In
Knuckle	In
L Catcher	Out
MD Spinpips	Out
Milli Tall	Out
Miracle	Out
Miracle Super	Out
Real	In
Spectol	In/Out
Spinwell	In
Summit	In
Super Spinpips	Out
Tarbit	In
Triple	In

SUPPLIER Brand	Type
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<i>Tyranno</i>	<i>Out</i>
U Q	In
X's	In
X's F-1	In
X's F-1 V	In

WINNING

738 Super	In
Friendship 729 Super TSS	In
King Power Komann	In
Komann	In
Komann Super Fit	In
NP-1	Out
NP-2	Long
NP-6	Out
NP-8	Out

XUSHAOFA

889	Out
988 Yang	Out
989 Yang	Long
998 Yang	Anti [B]
999	In
999 LSZ	In
999 Yang	In
999 ZCD	In
Globe 999	In

YASAKA

Anti Power	In
A-1-2 A-1	Out
A-1-2 A-2	Out
Black Power	In [B]
Bullet	Out
Cadet	In
Cobalt α	Out
Cobalt X1	Out
Cobalt X2	Out
Do	In
Do-Up	In
Extreme Speed	In
Extreme Spin	In
Large Pro	Out
Mark V	In
Mark V AD	In
Mark V GPS	In
Mark V M ²	In
<i>New Era</i>	<i>In</i>
Original	In/Out
Original A-1	Out
Original A-2	Out
Original Extra	In
PB-1	Out
Phantom 007	Long
Phantom 008	Long
Phantom 009	Long
Phantom 0011 ∞	Long
Phantom 0012 ∞	Long
Rally	In
The Omote	Out
Top 12	In
Tornado	In
Visco	In
Vision	In
V Stage	In
Wallie	In

SUPPLIER Brand	Type
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Wei	In
Xtend	In
Xtend SG	In
<i>Zap</i>	<i>In</i>

YASHIMA

Ace	In
Competition XR-4	In
Competition XR-3000	In
F32	In
Fulgur	In
Go Sport XR3000	In
Go Sport XX5	In
K1 1000	In
MC ²	In
Number One	In
Training XR-1	In
TS-824	In
Upper Spin Competition XR-7	In
XX-3	In
XX-5	In
XX88	In

YULAN

77	Out
99	Out
DF 888	In

While it is our intention in publishing this list to describe what may be used in international play, we cannot guarantee that everything listed here will continue to be authorised. From time to time we may find that a sample has changed in its manufacture. If we are unable to persuade the manufacturer to make the necessary change we have no alternative but to remove the authorisation. When we do that an announcement will be printed in the ITTF Bulletin and the Internet list on "http://www.ittf.com" will be updated. After publishing this list it will appear on the Internet. This Internet version will then be updated for printing errors and omissions, but no new rubbers will normally enter this list - as usual.

