

FINAL VERSION

AUTHORISED RACKET COVERINGS: 1 JULY 1999 - 30 JUNE 2000

List No. 20: also on the Internet page "<http://www.ittf.com/mat/cov.html>"

For racket coverings which were marked on List No. 19 with an "A" signifying a too high aspect ratio and hence a need for modification, we now show their final status. We have printed these in a frame (example below) with the old brand name with a "strike through" first. This is to show that they are not valid from 1 July 1999. On the next line of the frame is the modified version, or a comment explaining the situation.

Example:

Rubber not valid	Long
Valid version	Long

THE CHANGES IN BRAND NAMES ARE SMALL. MAKE CERTAIN THAT ALL PARTS OF THE NEW NAME ARE FOUND IN THE RUBBER MOULD BEFORE ACCEPTING A RACKET COVERING.

Information that did not appear in the previous list is shown in 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 topsheet 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.

LEGEND:

[R] or [B] Indicates that that 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.

* Is a reference to a note for this supplier.

B indicates a pimple geometry outside allowed tolerances which must be modified before 1 October 2000 if the brand is to remain on the List.

Brand	Type	Brand	Type	Brand	Type	Brand	Type
ACTIVE		ARMSTRONG		ARTEMI		BANCO continued	
☆Control	In	Aka Mark Max	Out	Ace	In	Futura	In
☆☆Allround	In	Attack 3 Type L	Out	Spectra	In	Futura Energie	In
☆☆☆Offensive	In	Attack 3Type M	Out			Futura M	In
AHUAYI		Attack 3 Type S	Out	A.S.T.I.		Futura Variation	In
699	Out	Chopper	In	Apex Lightspeed	In	Impact Energie	Out
996	Out	Conqueror	In *	ATEMI		Perfect	In
ANDRO		Conqueror SS	In *	Winner IV	In	Progres	In
Backside	In	Hikari Drive	In	ATEMI (NTT AS)		Start	In
Classic	Out	Hikari SR7	In	Challenge	In	Start ☆☆	In
Clou	Long	King-Maker	In	Debut	In	Start ☆☆☆	In
Destiny LL	In	Long Pimple	Out	Fight Power	In		
Focus	In	New Anti Spin	Anti	Super Champ	In	BANDA	
Granet	Long	New Chopper	In	AVALOX		China TS	In
Impuls	In	New Spirit	In	Purot	In	Cyan X	In
Logo	Out	Prexy	In	Mo	Long	Rossa	In
Miracle-S	In	Red Mark	In	Sogno	In	Rossa Soft	In
Revolution	In	Red Mark Type 1-3	Out	BANCO		Spirit	In
Revolution Fire	In	Red Mark Type 1-5	Out	Allstar	In	Stena Allround	In
Scorer	In	Rosin	Out	China Spin	In	Twist K	In
Start	In	Twister	Long	Diva	In	Twist S	In
Strategy	In	Vector	In	Diva Energie	In	BEST	
Trophy	In	Warrior	In	Dream	In	☆☆	In
Ultra-Spin	In	Warrior SS	In	Fame	In	☆☆☆	In
Upgrade	In	Win	In	Feeling	In	BREAK - see SUNFLEX	
Victory	In	(*Note: These rubbers also		Furio	In		
V.I.P.	Out	known as Seifuku, which					
Zenith	In	means Conqueror. The					
Zenith-G	In	characters for Seifuku appear					
		on either side of the Armstrong					
		logo.)					

Brand	Type
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BUTTERFLY

Absorber	In
Addoy Soft	In
AntiSpin	Anti
Biriba	In [R]
Black	In [B]
Bryce	In
Catapult	In
Challenger Attack	Out
Challenger Chop	Out
Challenger-17	Out
Challenger-20	Out
Driver	In [R]
Ekrips	In

Feint Long	Long
Feint Long II	Long

Feint-Ox	Long
Feint-Soft	Long
Flextra	In
Fräulein	In
Impartial-17	Out
Impartial-20	Out
Magnitude	Out
Morim	In
Orthodox-DX103	Out
Pan Asia	In
Rein	Out
Relop	Out
Relop Attack	Out
Renova	In
Renova SD	In
Resilon	Out
Salvo	In
Salvo Speed	In
Selvid	In
Soft	In
Speedy-Po	Out
Sprier	In
Sriver EL	In
Sriver FX	In
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 Driver L-X	In [R]
Tempest Driver L-Y	In [R]
Wakaba	In
Yuki	In

CHAMPION

Attaka	In
Le Coup	In
Michelangelo	In
1300	In
1500	In
1700	In
3000	In
5000	In
9000	In

CHANGI

Kick	In
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DARKER CO

Provine	In
Spalbird	In
Vlon-N25	Out
Vlon-S	In

Brand	Type
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DAWEI

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

DELTA

Elan	In
Supreme	In

DELUXE

☆☆☆	In
☆☆☆☆	In
☆☆☆☆☆	In

DENGYAPNG

985	In
986	Out
989	Out

D'YAPING

983	Out
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DONGHUA

Strength 813	In
Strength 818	In

DONIC

☆	In
☆☆	In
☆☆☆	In
Alpha-Slick	In
Baxster	Out
Blues	In
Blues F5	In
Contact	In
Coppa	In
Coppa Tenero	In
Desto	In
Desto F1	In
Desto F2	In
Desto F3	In
Easy-Slick	In
J.O. Waldner	In
Liga	In
PF4	In
PF4-C7	Out

Piranja	Long
Piranja 2	Long

Slice	In
Slick	In
Solo	In
Twin-Slick	In
Vari-Slick	In
Vario	In
Vario Mach 1	In
Vario Soft	In
Yang K1	Out
Yang K2	Out
Yang L1	Long
Yang Xushaofa	In
Zicco	Long

DONIER

SP 4	In
SP 8	In
SP 12	In

DOUBLE FISH

815	In
815P	Out
818	Out

Brand	Type
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DOUBLE FISH continued

818A	Out
820	Out
820A	Out
820B	Anti [B]
830	In
1615	Long
8338	In
8484	In

DOUBLE HAPPINESS/DHS

C7	Out
C-8	Long
Cloud & Fog	Long
Cloud & Fog II	Long
C888	In
C888 Nittaku	In
Hurricane	In
Hurricane II	In
Hurricane III	In
Lightning	Out
PF4	In

PF4-C8	Long
C8	Long

PF4-Nittaku	In
PF4-1	In
PF4-651	Out
PF4-652	Out
PF4-652 Nittaku	Out
PF4-658 Nittaku	Out
PF4-874	Out
651	Out
652	Out
6512	In

FLICK

Omega	In
Starflick Pro	In
Starflick Standard	In

FRIENDS

(no other mark) In

FRIENDSHIP

Super 729 FX	In
Super 729 TTS	In
563	Out
563-1	Out
729	In
729-2	Out
729-PF1	In
729-PF4	In
755	Long
799	Out
799-1	Out
802	Out
802-1	Out
804	Anti
837	Long
878	Out
2000	In

GEWO

Mega Flex Control	In
Shark	In
Target	In
Thunderball	In
Vision EPC	In
X-plosion	In

GLOBE

889	Out
979	Long

Brand	Type
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GLOBE continued

999	In
999T	In

GOLDWAY

9938	Long
NO INFORMATION	

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

HANNO

☆	In
☆☆	In
☆☆☆	In
Condor	In
Eagle	In
Euro ☆	In
Euro ☆☆☆	In
Euro ☆☆☆	In
Falcon	In
Hawk	In
Hawk Fresh	In
Sparrow Hawk	In
SX	In

HIGH Q

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

IMPERIAL

Allround	In
Crash	In
Dingo	In
Fire	In
Flash	In
Gum Gun	In
Master	In
New Anti-Spin	Anti
Rubber 11 20 one	In
Rubber 45 20 one	In
Speed Gum	Out
Standard	In
Star	In
Super-Star	In
Super Strike	In
Swift	In

INESIS

5000	In
7000	In
7100	In
7300	In
9000	In
9100	In

JAP-TEC - see SUNFLEX

JIANMEI

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

JOOLA

Amigo	Out
Anti Topspin	Anti
Antispin Long Pips	Anti

Brand	Type	Brand	Type	Brand	Type	Brand	Type
JOOLA continued		KOKUTAKU		NIITAKU continued		S&B	
Antispin Soft	Anti	Big Star	In	Specialist One	Out	Cardinal	In
Badman	Long	Clitter	Out	Specialist Soft	Out	Joker 66	Long
Basic	In	Friendship 729 SuperIn	In	Spiral	In	Silver S-99	In
Celsius	Out	Spec-V	In	Talcus	In	SCHILDKRÖT	
Clipper	In	Spindle	In	The Saw	In [R]	*****	In
Compass	In	Synchron	In	Waldi	In	Avantgarde	In
Concret	In	LINGTON SPORTS		Waldi Clic	In	Avantgarde ***	In
Dingo	In	Competition	In	(Note: see also under Avalox and Double Happiness)		C Max	In
EasySpin	In	LION		PALIO		Elite	In
Fiesta	In	Aggressor	In	AK 47	In	Energy	In
Friendship 900	In	Allrounder	In	Amigo	In	Energy Groove	In
GX 75	In	Elite Control	In	CJ8000	In	Frantic	In
Komma	In	Hurricane	In	EK-53+ Long		Hot Shot	In
Laser	In	International	In	CK 531 A Long		Olympia Backside	In
Marathon	In	Scirocco	In	HK 1997	In	Phuture	In
Mentor	In	Star	In	Hadou	In	Powergrip	In
Moskito	In	Super Attack	In	WP 1013	Out	Prestige	In
Peking	In	Super 3	In	PEACE		Skin	In
Poker	Long	Typhoon	In	Columba	In	S-max	In
PrismaSpin	In	2 Stars	In	C'oma	In	Spinmax	In
Pulse	In	3 Stars	In	G'enstar	In	Tensor Zoom 30	In
Samba	In	METEOR		Nova	In	Tensor Zoom 40	In
Smash	In	(no other mark)	Out	Vela	In	V Max	In
Stratos	In	L-8512	Long	PERSEUS - see		V-max Tensor	In
Tango	In	71-1	Out	SCHILDKRÖT		SCHÖLER & MICKE	
Tango Extrem	In	71-2	Out	POINT BLANK		Delta-Dynamic	In
Tango Ultra	Out	575	Out	Deluxe	In	Delta Joker	In
Teacher	In	813	In	Emwe	In	Delta-Sensito	In
TecSpin	In	835	In	Illusion	In	Delta-Sensito MTS	In
Telum	In	845	Out	Number One	In	Delta-Unit	In
Telum Soft	In	9012	Out	Topgun	In	Picador	In
Thema	In	NAROVA		prasadha		SKITT	
Topspin	In	Dream	In	88	In	Absolut	In
Tramp	In	Passion	In	815	In	Anaconda	In
Turbo Orthodox	Out	Start	In	820	Out	Coppa	In
Turbo Soft	Out	NIMATSU		820A	Out	Coppa Tenero	In
Works	In	Hurricane	In	820B	Anti	Coppa Z1	In
JIUC		Mustang	In	829	In	Duo	In
Anti Super Spin	Anti	Pegasus	In	830	In	Ladro	In
Dany III	In	Scorpion	In	838	In	Quattro	In
Dany V	In	Spinfighter☆☆☆	In	1615	Long	Uno	In
DrivaSmash	In	Vega	In	8338	In	STAG	
DrivaSmash SV	In	XX5	In [B]	PRIMA		(no other mark)	In
Hirubia	In	NIITAKU		Speed	In	Explosive	In
Juickaiza	In	Allround Soft	In	Spin	In	STIGA	
Juickaiza SV	In	Best Anti	Anti	PRIZE		Cenno	In
Juic 889	Out	Blue Ribbon	In	Globe 1999	In	Chop & Drive	In
Juic 999	In	Ellgard	In	Ligin	In	Clippa	Out
Juic 999 Élité	In	Express	Out	LQ	In	Cobra Ultra	In
Leggy Long		Glasnost	In	Taiphoon Gold	In	Cobra 2000	In
Leggy R Long		Golden	In	Taiphoon Gold	Long	Doer	In
Montjuic Super	In	Graffiti	In	Trophy	In	Drive	In
Neo Anti	Anti	Hi-Super (Drive)	In	Tropy LQF	In	Energy Absorber	Anti
Offense	Out	J.O. Pen	In	Trump Card	In	Magic	In
PipsAce	Out	J.O. Shake	In	ROTATION EXTREME		Mendo	In
Scramble	In	J.O. Waldner	In	Dirk De Cleene B01 Long		Mendo Energy	In
Spark	In	J.O. Waldner S.C.	In	NO INFORMATION		Mendo MP	In
SpinSpiel	In	Learner	In	RUCANOR		Syncro 45	In
SpinTex	In	Magical Spin	In	Orient	In	Taiphoon	In
KETTLER		Magic Carbon	In/Out	SUNFLEX		Triumph	In
Coach	In	Micro	In	Break Sportline	In	Tween	In
Master	In	Midship	In	Allround	In	SUNFLEX	
Professional	In	Midship SC	In	Break Sportline	In	Offensive	In
KINSON		Milford	In	Offensive	In	Dynasty	In
Allround	In	Minical One L	Out	Japtec Balance	In	Japtec Experience	In
Longpip	Long	Minical One M	Out				
Perfect	In	Moristo	In				
Powerful	Out	Screw	Out				
Spin Pip	Out	Screw One	Long				
Super Spin	In						

Brand	Type	Brand	Type	Brand	Type	Brand	Type
SUNFLEX continued		TIBHAR continued		YASAKA		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 Table Tennis Illustrated and the Internet list on "http://www.ittf.com/mat/cov.html" 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.	
Japtec Performance	In	Serie 2000	In	Anti Power	In		
Japtec Precision	In	Speedy S/L	In	A-1-2 A-1	Out		
Mandarin	In	Speedy Soft	Out	A-1-2 A-2	Out		
Mega Concept	In	Speedy Soft Pro	Out	Black Power	In		
Mikado	In	Speedy Spin	In	Bullet	Out		
Mogul	In	Speedy Spin Premium	In	Cadet	In		
Samurai	In	Spico Speedy Spin	In	Cobalt α	Out		
San Ei Mikado	In	Standard	In	Cobalt X1	Out		
San Ei Samurai	Anti	Storm	In	Cobalt X2	Out		
San Ei Shogun	In	Super Defense	In	Do	In		
San Ei Taipan	In	Supra	In	Extreme Speed	In		
Shogun	In	Vari Spin	In	Extreme Spin	In		
Spikes	Out	VHP Speedy Spin	In	Large Pro	Out		
Taipan	In			Mark V	In		
Ultra Spikes	Long			Mark V AD	In		
TAICO		TROPY		Mark V GPS	In		
Adhoc	Out	LQF	In	Mark V HP	In		
Amiga	In			Mark V M2	In		
Balance	In	TSP		Original	In/Out		
Control Power	In	Bamboo Curl P-1	Long	Original A-1	Out		
Ichi-Ban	In	Bolt	In	Original A-2	Out		
Magnum	In	Cesalo	In	Original Extra	In		
Ni-Ban	In			PB-1	Out		
Omnica	In	Curl P-1	Long	Phantom 007	Long		
Optica	In	Curl P-1 R	Long	Phantom 008	Long		
Popular	In			Phantom 009	Long		
Power Feeling	In	Curl P-2	Out				
Selecta AP	In	Curl P-3	Long	Phantom 0011	Long		
Selecta SP	In			Phantom 0011-∞	Long		
Selecta SPF	In	Curl P-3α	Long				
Sling	In	Curl P-3α R	Long	Phantom 0012	Long		
X-treme	In			Phantom 0012-∞	Long		
TECNOpro		Cut Man	In	Rally	In		
Competition☆☆☆	In	D-Top	In	Super 777	In/Out		
Expert☆☆	In	Giant	In	The Omote	Out		
Supercomp☆☆☆	In	Giant-Pro	In	Top 12	In		
Supercomp Energizer	In	Hiyaku	In	Tornado	In		
Tournament☆	In	Knuckle	In	Visco	In		
THREE BALL		Milli Tall	Out	Vision	In		
Spinny	In	Miracle	Out	Wallie	In		
Superball	In	Miracle Super	Out				
Topper	In	Spectol	In/Out				
Weapon	In	Spindrive	In				
TIBHAR		Spinpips	Out				
Black Techno	In	Spinwell	In	YASHIMA			
Black Techno M	In	Super Spinpips	Out	Ace	In		
Cata-Inazuma-Spin	In	Tarbit	In	Competition XR-4	In		
Cata-Spin	In	Triple	In	Competition XR-3000	In		
Chiba	In	U Q	In	F32	In		
Control Spin	In	X's	In	Fulgur	In		
Dang	In	X's F-1	In	Go Sport XR3000	In		
Defense	In	X's F-1 V	In	Go Sport XX5	In		
Ellen	Anti	730	In	Halex	In		
Extra Long	Long			Halex XR 3000	In		
Grass	Long			KI 1000	In		
		WINNING		MC2	In		
Grass-Spezial	Long	Friendship 729		Number One	In		
Grass Spezial 2000	Long	Super TSS	In	Training XR-1	In		
Grass Super	Long	King Power Komann	In	TS-824	In		
LEAVING THE LIST		Komann	In	Upper Spin			
Intra	In	Komann Super Fit	In	Competition XR-7	In		
Learn Cont	In	NP-1	Out	XX-3	In		
Learn Spin	In	NP-2	Long	XX-5	In		
Norm	In	NP-6	Out	XX88	In		
Rapid	In	NP-8	Out				
Rapid D. TecS	In	738	In	YOUYI			
Red Power	In			468	In		
Red Power M	In	XUSHAOFA		999T			
Rookie D. TecS	In	889	Out	999	In		
		999	In				
		988 Yang	Out				
		989 Yang	Long				
		998 Yang	Anti				
		999 Donic Yang	In				
		999 LSZ	In				
		999 Yang	In				
		999 ZCD	In				
		Globe 999	In				