

AUTHORISED RACKET COVERINGS: JULY 1998 - JUNE 1999

List No. 19: also on the Internet page "<http://www.ittf.com/mat/cov.html>"

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.

A indicates an aspect ratio > 1,1 which must be improved during this season if the brand is to remain on the List from 1 July 1999.

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		ATEMI		BUTTERFLY continued		DARKER CO	
☆Control	In	Winner IV	In	Driver	In [R]	Provine	In
☆☆Allround	In	ATEMI (NTT AS)		Ekrips	In	Spalbird	In
☆☆☆Offensive	In	Challenge	In	Feint Long	Long A	Vlon-N25	Out B
ANDRO		Debut	In	Feint Long II	Long	Vlon-S	In
Backside	In	Fight Power	In	Feint-Ox	Long	DAWEI	
Classic	Out	Super Champ	In	Feint-Soft	Long	388A	In
Clou	Long	ATTACK		Flextra	In	388A-2	In
Destiny LL	In	Duellist	In	Fräulein	In	388A-4	In
Focus	In	Enajy	Out	Impartial-17	Out	388B	Out
Granet	Out	Potluck	In	Impartial-20	Out	388C-1	Out
Logo	Out	Seldam Ox	Long[B] A	Magnitude	Out	388D	Long
Miracle-S	In	AVALOX		Morim	In	DELUXE	
Revolution	In	Berufa	Out	Orthodox-DX103	Out	☆☆	In
Revolution Fire	In	Purot	In	Pan Asia	In	☆☆☆	In
Scorer	In	Sogno	In	Rein	Out	☆☆☆☆	In
Start	In	BANCO		Relop	Out	☆☆☆☆☆	In
Strategy	In	Allstar	In	Relop Attack	Out	DONIC	
Trophy	In	China Spin	In	Renova	In	☆	In
Ultra-Spin	In	Diva	In	Renova SD	In	☆☆	In
Victory	In	Diva Energie	In	Resilon	Out	☆☆☆	In
Zenith	In	Dream	In	Salvo	In	Alpha-Slick	In
Zenith-G	In	Fame	In	Salvo Speed	In	Baxter	Out
ARMSTRONG		Feeling	In	Selvid	In	Blues	In
Attack 3	Out	Furio	In	Soft	In	Contact	In
Chopper	In	Futura	In	Sprir	In	Coppa	In
Conqueror	In *	Futura Energie	In	Srifer EL	In	Coppa Tenero	In
Conqueror SS	In *	Futura M	In	Srifer FX	In	Desto	In
Hikari Drive	In	Perfect	In	Srifer-Killer	Anti [R]	Desto F1	In
Hikari SR7	In	Progres	In	Srifer L	In	Desto F3	In
King Maker	In	Start	In	Srifer S	In	Easy-Slick	In
Long Pimple	Out B	BANDA		Stayer	In	J.O. Waldner	In
New Anti Spin	Anti B	Cyan X	In	Super Anti	Anti	PF4	In
New Chopper	In	Rossa	In	Super-Srifer	In	PF4-C7	Out
New Spirit	In	Rossa Soft	In	Tackifire-C	In	Piranja	Long A
Prexy	In	Spirit	In	Tackifire-D	In	Shangri-La	In
Red Mark	In	Twist K	In	Tackifire SP	In	Slice	In
Red Mark Type 1-3	Out	Twist S	In	Tackiness-C	In	Slick	In
Rosin	Out	BEST		Tackiness-D	In	Solo	In
Twister	Long	☆☆	In	Tempest Driver L-X	In [R]	Twin-Slick	In
Vector	In	☆☆☆	In	Tempest Driver L-Y	In [R]	Vari-Slick	In
Warrior	In B	BREAK - see SUNFLEX		Wakaba	In	Vario	In
Warrior SS	In	BUTTERFLY		Yuki	In	Vario Mach 1	In
Win	In B	Absorber	In	CHAMPION		Vario Soft	In
(*Note: These rubbers also known as Seifuku, which means Conqueror. The characters for Seifuku appear on either side of the Armstrong logo.)		Addoy Soft	In	Attaka	In	Yang K1	Out
ASICS - see ATTACK		AntiSpin	Anti	Le Coup	In	Yang K2	Out B
ARTEMI		Biriba	In [R]	1300	In	Yang L1	Out
Ace	In	Black	In [B]	1500	In	Yang Xushaofa 999	In
Spectra	In	Bryce	In	1700	In	Zicco	Long
A.S.T.I.		Challenger Attack	Out	3000	In	DONIER	
Apex Lightspeed	In	Challenger Chop	Out	5000	In	SP 4	In
		Challenger-17	Out	9000	In	SP 8	In
		Challenger-20	Out	CHANGI (HTC)		SP 12	In
				Kick	In	DOUBLE HAPPINESS	
				(Note: This rubber may not be valid after 1st January 1999)		C7	Out
						Cloud & Fog	Long
						G888	In

Brand	Type	Brand	Type	Brand	Type	Brand	Type
DOUBLE HAPPINESS		be valid after 1st January 1999)		JUIC		NIMATSU	
continued		HIGH Q		Anti Super Spin	Anti	Hurricane	In
Hurricane	In	Fast Control S1	In	Dany III	In	Mustang	In
Lightning	Out	Power Drive Y5	In	Dany V	In	Pegasus	In
PF4	In	Spin Attack X3	In	DrivaSmash	In	Scorpion	In
PF4-C7	Long B	IMPERIAL		DrivaSmash SV	In	Spinfighter***	In
PF4-C8	Long	Allround	In B	Hirubia	In	Vega	In
PF4-Nittaku	In	Crash	In	Juickaiza	In	XX5	In [B]
PF4-1	In	Dingo	In	Juickaiza SV	In	MITTAKU	
PF4-651	Out	Fire	In	Juic 889	Out	Best Anti	Anti
PF4-652	Out B	Flash	In	Juic 999	In	Blue Ribbon	In
PF4-652 Nittaku	Out	Gum Gun	In B	Juic 999 Élité	In	Elgard	In
PF4-658 Nittaku	Out	Master	In B	Leggy	Long A	Express	Out
PF4-874	Out B	New Anti-Spin	Anti	Montjuic Super	In	Glasnost	In
651	Out	Rubber 11 20 one	In B	Neo Anti	Anti	Golden	In
652	Out	Rubber 45 20 one	In	Offense	Out	Graffiti	In
6512	In	Speed Gum	Out	PipsAce	Out	Hi-Super (Drive)	In
FLICK		Standard	In	Scramble	In	J.O. Pen	In
Omega	In	Star	In B	Spark	In	J.O. Shake	In
Starlick Pro	In	Super-Star	In B	SpinSpiel	In	J.O. Waldner	In
Starlick Standard	In	Super Strike	In	SpinTex	In	J.O. Waldner S.C.	In
FRIENDS		Swift	In	KETTLER		Learner	In
(no other mark)	In	INESIS		Coach	In	Magical Spin	In
FRIENDSHIP		5000	In	Master	In	Magic Carbon	In
Super 729 FX	In	7000	In	Professional	In	Micro	In
Super 729 TTS	In	7100	In	KINSON		Midship	In
563	Out	7300	In	Allround	In	Midship SC	In
575	Out	9000	In	Longpip	Long	Milford	In B
729	In	9100	In	Perfect	In	Minical One L	Out
729-PF1	In	9200	In	Powerful	Out	Minical One M	Out
729-PF4	In	JAP-TEC - see SUNFLEX		Spin Pip	Out	Screw	Out
755	Long	JIANMEI		Super Spin	In	Screw One	Long
799	Out	889GQX	Out B	KOKUTAKU		Spiral	In
802	Out	909GQX	In	Big Star	In	Talcus	In
804	Anti	919GQX	In	Clitter	Out	The Saw	In [R]
837	Long	929GQX	In	Friendship 729 SuperIn	In	Waldi	In
878	Out	999GQX	In	Spec-V	In	Waldi Clic	In
879	Out	JOOLA		Spindle	In	(Note: see also under Avalox and Double Happiness)	
2000	In	Anti Topspin	Anti	Synchron	In	PALIO	
GEWO		Antispin Long Pips	Anti	(Note: These rubbers may not be valid after 1st January 1999)		AK 47	In
Mega Flex Control	In	Antispin Soft	Anti	LINGTON SPORTS		Amigo	In
Shark	In	Basic	In	Competition	In	CJ8000	In
Target	In	Celsius	Out	LION		CK 531	Long A
Thunderball	In	Clipper	In	Aggressor	In	HK 1997	In
Vision EPC	In	Compass	In	Allrounder	In	PEACE	
X-plosion	In	Concret	In	Elite Control	In	Columba	In
GLOBE		Dingo	In	Hurricane	In	C'oma	In
889	Out B	Fiesta	In	International	In	G'enstar	In
979	Long	Friendship 900	In	Scirocco	In [R]	Nova	In
999	In B	GX 75	In	Star	In	Vela	In
999T	In	Komma	In	Super Attack	In	PERSEUS - see SCHILDKRÖT	
GOLDWAY		Laser	In	Super 3	In	POINT BLANK	
B938	Long A	Marathon	In	Typhoon	In	Deluxe	In
S9	In	Mentor	In	2 Stars	In	Illusion	In
S936	Out	Moskito	In	3 Stars	In	Topgun	In
899	In	Peking	In	METEOR		Prasidha	
901	In	Poker	Out	(no other mark)	Out B	88	In
HANNO (HTC)		Pulse	In	L-8512	Long	815	In
*	In	Samba	In	71-1	Out	820	Out B
**	In	Smash	In	71-2	Out	820A	Out
***	In	Stratos	In	575	Out	820B	Anti
Condor	In	Tango	In	813	In	829	In
Eagle	In	Tango Extrem	In	835	In	830	In
Euro *	In	Teacher	In	845	Out	838	In
Euro **	In	Telum	In	9012	Out	1615	Long
Euro ***	In	Telum Soft	In	NAROVA		8338	In
Falcon	In	Thema	In	Dream	In	PRIMA	
Hawk	In	Topspin	In	Passion	In	Speed	In
Hawk Fresh	In	Tramp	In	Start	In	Spin	In
Sparrow Hawk	In	Turbo Orthodox	Out				
SX	In	Turbo Soft	Out				
(Note: These rubbers may not		Works	In				

Brand	Type	Brand	Type	Brand	Type	Brand	Type		
ROTATION EXTREME		SUNFLEX continued		TSP		YASAKA continued			
Dirk De Cleene B01 Long	A	Shogun	In	Bolt	In	Phantom 0011	Long A		
SCHILDKRÖT		Spikes	Out	Cesalo	In	Phantom 0012	Long A		
*****	In	Taipan	In	Curl P-1	Long A	Rally	In		
Advantgarde	In	Ultra Spikes	Long	Curl P-2	Out	Super 777	In/Out		
Cool	In	TAICO (HTC)		Curl P-3	Long	The Omote	Out		
C Max	In	Adhoc	Out	Curl P-3α	Long A	Top 12	In		
Energy	In	Amiga	In	Cut Man	In	Tornado	In		
Hot Shot	In	Balance	In	D-Top	In	Visco	In		
Olympia Backside	In	Control Power	In	Giant	In	Vision	In		
Olympia Backside*	In	Ichi-Ban	In B	Giant-Pro	In	Wallie	In		
Olympia Backside**	In	Magnum	In	Hiyaku	In	YASHIMA			
Olympia Backside***	In	Ni-Ban	In B	Knuckle	In	Ace	In		
Powergrip	In	Omnica	In	MilliTall	Out	Competition XR-4	In		
Sharp	In	Optica	In	Miracle	Out	Competition XR-3000	In		
Skin	In	Popular	In	Miracle Super	Out	F32	In		
S-max	In	Power Feeling	In	Spectol	In/Out	Fulgur	In		
V Max	In	Selecta AP	In	Spindrive	In	Go Sport XR3000	In		
V-max Tensor	In	Selecta SP	In	Spinnia	In	Go Sport XX5	In		
SCHÖLER & MICKE		Selecta SPF	In	Spinwell	In	Halex	In		
Delta-Dynamic	In	Sling	In	Super Spinpips	Out	Halex XR 3000	In		
Delta Joker	In	X-treme	In	Superdrive	In	KI 1000	In		
Delta-Sensito	In	(Note: These rubbers may not be valid after 1st January 1999)		Tarbit	In	MC²	In		
Delta-Sensito MTS	In	TECNOpro		Triple	In	Number One	In		
Delta-Unit	In	Competition***	In	U Q	In	Training XR-1	In		
Picador	In	Expert**	In	X's	In	TS-824	In		
SKITT		Supercomp***	In	X's F-1	In	Upper Spin			
Absolut	In	Supercomp Energizer	In	X's F-1 V	In	Competition XR-7	In		
Anaconda	In	Tournament*	In	730	In	XX-3	In		
Coppa	In	THREE BALL		WINNING					
Coppa Tenero	In	Spinny	In	Friendship 729		XX-5	In		
Coppa Z1	In	Superball	In	Super TSS	In	XX88	In		
Duo	In	Topper	In	King Power Komann	In	YOUYI			
Ladro	In	Weapon	In	Komann	In	468	In		
Quattro	In	TIBHAR		Komann Super Fit	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 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.			
Uno	In	Black Techno	In [B]	NP-1	Out				
STAG		Black Techno M	In	NP-2	Out B				
(no other mark)	In	Cata-Inazuma-Spin	In	NP-6	Out B				
Explosive	In	Cata-Spin	In	NP-8	Out				
STIGA		Chiba	In	738	In				
Cenno	In	Control Spin	In	XUSHAOFA					
Chop & Drive	In	Dang	In	889	Out				
Clippa	In	Defense	In	999	In				
Cobra Ultra	In B	Ellen	Anti	988 Yang	Out				
Doer	In	Extra Long	Long	989 Yang	Long				
Drive	In	Grass	Long	998 Yang	Anti [B]				
Energy Absorber	Anti	Grass Spezial	Long A	999 Donic Yang	In				
Magic	In	Grass Super	Long A	999 LSZ	In				
Mendo	In	Intra	In	999 Yang	In				
Mendo Energy	In	Learn Cont	In	999 ZCD	In				
Syncro 45	In	Learn Spin	In	Globe 999	In				
Taiphoo	In	Norm	In	YASAKA					
Triumph	In	Rapid	In	Anti Power	In				
Tween	In	Rapid D. TecS	In	A-1-2 A-1	Out				
SUNFLEX		Rapid VS	In	A-1-2 A-2	Out				
Break Sportline		Red Power	In [R]	Black Power	In [B]				
Allround	In	Red Power M	In	Bullet	Out				
Break Sportline		Rookie D. TecS	In	Cadet	In				
Offensive	In	Speedy S/L	In	Cobalt α	Out				
Dynasty	In	Speedy Soft	Out	Cobalt X1	Out				
Japtec Balance	In	Speedy Soft Pro	Out	Cobalt X2	Out				
Japtec Experience	In	Speedy Spin	In	Do	In				
Japtec Performance	In	Spico Speedy Spin	In	Mark V	In				
Japtec Precision	In	Standard	In	Mark V AD	In				
Mandarin	In	Storm	In	Mark V GPS	In				
Mega Concept	In	Super Defense	In	Mark V HP	In				
Mikado	In	Supra	In	Mark V M²	In				
Mogul	In	Vari Spin	In	Original	In/Out				
Samurai	In	VHP Speedy Spin	In	Original A-1	Out				
San Ei Mikado	In	TROPY		Original A-2	Out				
San Ei Samurai	Anti	Avalox QI	In	Original Extra	In				
San Ei Shogun	In	LOF	In	PB-1	Out				
San Ei Taipan	In			Phantom 007	Long				
				Phantom 008	Long				
				Phantom 009	Long				