

# WORLD SQUASH FEDERATION

## RULES OF THE WORLD SINGLES GAME

### APPENDIX 5.2

#### SPECIFICATIONS OF A STANDARD YELLOW DOT SQUASH BALL

The following specification is the standard for a yellow dot ball to be used under the Rules of Squash.

Diameter	(millimetres)	40.0 + or - 0.5
Weight	(grams)	24.0 + or - 1.0
Stiffness	(N/mm) @ 23 degrees C.	3.2 + or - 0.4
Seam Strength	(N/mm)	6.0 minimum
Rebound Resilience	- from 100 inches/254 centimetres	
@ 23 degrees C.	12% minimum	
@ 45 degrees C.	26% - 33%	

#### NOTES

- The full procedure for testing balls to the above specification is available from the WSF. The WSF will arrange for testing of balls under standard procedures if requested.
- No specifications are set for faster or slower speeds of ball, which may be used by players of greater or lesser ability or in court conditions which are hotter or colder than those used to determine the yellow dot specification. Where faster speeds of ball are produced they may vary from the diameter and weight in the above specification of a standard yellow dot squash ball. It is recommended that balls bear a permanent colour code or marking to indicate their speed or category of usage. It is also recommended that balls for beginners and improvers conform generally to the rebound resilience figures below.

Beginner	Rebound resilience @ 23 degrees C	not less than 17%
	Rebound resilience @ 45 degrees C	36% to 38%
Improver	Rebound resilience @ 23 degrees C	not less than 15%
	Rebound resilience @ 45 degrees C	33% to 36%

Specifications for balls currently fulfilling these requirements can be obtained from the WSF on request

The speed of balls may also be indicated as follows

Super slow -	Yellow Dot
Slow -	White Dot or Green Dot
Medium -	Red Dot
Fast -	Blue Dot

- Yellow dot balls which are used at World Championships or at similar standards of play must meet the above specifications but additional subjective testing will be carried out by the WSF with players of the identified standard to determine the suitability of the nominated ball for Championship usage. The slowest speed of balls intended for elite players and Championship usage may if required be identified by a double yellow dot. Such balls will be deemed for the purposes of this specification to be yellow dot squash balls.
- From 1 May 2001, yellow dot balls of a larger diameter than 40.0mm specified above, but which otherwise meet the specification, may be authorised for use in tournaments by the official organising body.