

## FIFA Quality Programme for Footballs

A ball must successfully pass the seven tests described in detail on this website to earn the FIFA QUALITY mark. The tests check the ball's weight, circumference, roundness, bounce, water absorption, loss of pressure and shape and size retention:

# FIFA QUALITY PROGRAMME FOR FOOTBALLS



Test Criteria (April 2015)

	OUTDOOR					FUTSAL			BEACH SOCCER		
	Size 5			Size 4		FIFA QUALITY PRO	FIFA QUALITY	IMS	FIFA QUALITY PRO	FIFA QUALITY	IMS
	FIFA QUALITY PRO	FIFA QUALITY	IMS	FIFA QUALITY	IMS						
Circumference [cm]	68.5 – 69.5	68.0 – 70.0	68.0 – 70.0	63.5 – 66.0	63.5 – 66.0	62.5 – 63.5	62.0 – 64.0	62.0 – 64.0	68.0 – 70.0	68.0 – 70.0	68.0 – 70.0
Sphericity max. [%]	1.5	1.8	1.8	1.8	1.8	1.5	1.8	1.8	1.8	1.8	1.8
Rebound height [cm]											
At 20° C (room temp.)	135 – 155	125 – 155	125 – 155	110 – 160	110 – 160	55 – 65	50 – 65	50 – 65	100 – 150	100 – 150	100 – 150
At 5° C	min. 125	min. 115	min. 115	min. 110	min. 110	–	–	–	–	–	–
Max. difference per ball	10	10	10	10	10	–	–	–	–	–	–
Weight [g]	420 – 445	410 – 450	410 – 450	350 – 390	350 – 390	410 – 430	400 – 440	400 – 440	420 – 440	400 – 440	400 – 440
Loss of pressure [%]	20	25	25	25	25	20	25	25	20	25	25
Shape/size retention:											
Circumference (change)	max. 1.5 cm	max. 1.5 cm	–	–	–	max. 1.0 cm	max. 1.0 cm	–	max. 1.5 cm	max. 1.5 cm	–
Sphericity	max. 1.5%	max. 1.8%	–	–	–	max. 1.5%	max. 1.8%	–	max. 1.8%	max. 1.8%	–
Pressure (change)	max. 0.1 bar	max. 0.1 bar	–	–	–	max. 0.1 bar	max. 0.1 bar	–	max. 0.1 bar	max. 0.1 bar	–
Seams/valve	no damage	no damage	–	–	–	no damage	no damage	–	no damage	no damage	–
Water absorption [%] (base: initial weight)	10	10	10	10	10	–	–	–	10	10	10
Balance -> degree [°]. Average of 3 balls	–	–	–	–	–	max. 5	max. 7.5	max. 7.5	–	–	–