

SOCCER BALL – SIZE 5 CATEGORIES

PROPERTY	APPROVED	MATCH	INSPECTION
Weight	420 – 445 Grams	420 – 445 Grams	410 – 450 Grams
Circumference	68.5 – 69.5 cm	68.5 – 69.5 cm	68.0 – 70.0cm
Sphericity	Max. 1.5%	Max. 1.5%	Max. 2%
Loss of Pressure	Max. 20%	Max. 20%	Max. 25%
Water Absorption	Average water uptake of the initial weight of the tested balls: Max. 10% Max. water uptake per ball not to exceed 15%	Average water uptake of the initial weight of the tested balls: Max. 10% Max. water uptake per ball not to exceed 15%	Average water uptake of the initial weight of the tested balls: Max. 15% Max. water uptake per ball not to exceed 20%
Rebound	At 20°C: 120 - 165 cm At 5°C: Min. 120 cm Max. difference between lowest and highest rebound per ball tested: 10 cm	At 20°C: 120 - 165 cm At 5°C: Min. 120 cm Max. difference between lowest and highest rebound per ball tested: 10 cm	At 20°C: 115 - 165 cm At 5°C: Min. 110 cm Max. difference between lowest and highest rebound per ball tested: 10 cm
Retention Test	2000 Cycles	2000 Cycles	1500 Cycles

FUTSAL / BALSALOON

PROPERTY	MATCH
Weight	420 - 440 Grams
Circumference	62.5 - 63.5 cm
Sphericity	Max. 1.5%
Loss of Pressure	Max. 20%
Rebound	25% - 10% - 0%
Balance	Max. 5°

HAND BALLS

PROPERTY	MATCH	Categories
Weight	425 - 475 Grams	Men Size 3
Circumference	58 - 60 cm	
Weight	325 - 375 Grams	Women Size 2
Circumference	54 - 56 cm	
Weight	290 - 330 Grams	Boys Size 1
Circumference	50 - 52 cm	
Weight	255 - 290 Grams	Mini Size 0
Circumference	46 - 48 cm	

VOLLEY / BEACH BALLS

PROPERTY	MATCH
Weight	270 - 290 Grams
Circumference	64 - 66 cm
Sphericity	1.50%
Loss of Pressure	20%

HAND BALLS

PROPERTY	MATCH	Categories
Weight	400 Grams	Size 5
Circumference	68.5 - 69.5 cm	
Sphericity	1.50%	
Loss of Pressure	20%	
Material	Soft Foamytic	

NET BALLS

PROPERTY	MATCH	CATEGORY
Weight	420 - 440 Grams	Match Ball
Circumference	68 - 70 mm	
Sphericity	1.50%	
Loss of Pressure	20%	

RUGBY BALLS UNION

PROPERTY	SYNTHETIC RUBBER	CATEGORY
Weight	420 - 450 Grams	Match Ball
Circumference	59 - 61 mm	
Length	73 - 75 mm	
Loss of Pressure	20%	
Water Absorption	Nil	

RUGBY BALL LEAGUE

PROPERTY	SYNTHETIC RUBBER	CATEGORY
Weight	420 - 450 Grams	Match Ball
Circumference	57 - 58 mm	
Length	73 - 75 mm	
Loss of Pressure	20%	
Water Absorption	Nil	

RUGBY BALLS TOUCH

PROPERTY	SYNTHETIC RUBBER	CATEGORY
Weight	420 - 450 Grams	Match Ball
Circumference	54 - 65 mm	
Length	71 - 72 mm	
Loss of Pressure	20%	
Water Absorption	Nil	

AUSTRALIAN RULES BALLS

PROPERTY	SYNTHETIC RUBBER	CATEGORY
Weight	430 - 445 Grams	Match Ball
Circumference	54 - 55 mm	
Length	72 - 75 mm	
Loss of Pressure	20%	
Water Absorption	15%	

INDOOR BALLS

PROPERTY	HIGH-LOW PILE FELT	CATEGORY
Weight	415 - 425 Grams	Match Ball
Circumference	64 - 65 mm	
Loss of Pressure	20%	

AIR RETENTION CHART FOR "BUTYL" BLADDER

Bladder	Pressure	After 7 Days	After 20 Days	After 40 Days	After 60 Days	After 90 Days	Next
Butyl	10 lbs	10 lbs	9.75 lbs	9.75 lbs	8.25 lbs	7.25 lbs	5.25 lbs

AIR RETENTION CHART FOR "LATEX" BLADDER

Bladder	Pressure	After 5 Days	After 8 Days	After 12 Days	After 18 Days	After 24 Days
50 - 55 Grams	10 lbs	7 lbs	6.5 lbs	5.5 lbs	2.5 lbs	-
60 - 65 Grams	10 lbs	8 lbs	7.5 lbs	6.5 lbs	3.5 lbs	-
70 - 75 Grams	10 lbs	9 lbs	8.0 lbs	7.0 lbs	5.5 lbs	-
80 - 85 Grams	10 lbs	9 lbs	8.5 lbs	7.5 lbs	6.5 lbs	3.5 lbs