

ITSA GOAL & FOOTIE GOAL - TESTING REFERENCE & RESULTS showing deflection on 9v9 & Youth football goals

Mar-13

Certificate Number	Size	Description - 9v9 football goal posts	Material	date of test	Test House	crossbar deflection	Test standard	Newtons crossbar strength	Newtons crossbar Stability	18 Kilos weight
12080219	16x7"	ITSA GOAL Upvc FREESTANDING GOAL WITH TWO SECTION CROSSBAR - with net fixings and locking frames	uPVC	26/07/12	Element	6.5mm	BS8462-12	300	300	UNDER
12080223	16x7"	ITSA GOAL Upvc FREESTANDING GOAL with four section crossbar - goal nets tied to frame with upright supports	uPVC	26/07/12	Element	6.7mm	BS8462-12	300	300	UNDER
12080220	16x7"	FOOTIEGOAL Upvc FREESTANDING - PUSHED FIT GOALnet -net support locked to crossbar, two section crossbar - Goalnets tied to frame & up right supports	uPVC	26/07/12	Element	6.5mm	BS8462-12	300	300	UNDER
12080222	16x7"	ITSA GOALL Upvc anchored grass goal with two section with aluminium crossbar & net fixings	Upvc/Alloy	26/07/12	Element	4.5mm	BS8462-12	300	300	UNDER
12080221	16x7"	FOOTIE GOAL UPVC anchored goals grass with net support stanchions secured to crossbar, tied on nets & upright supports	uPVC	09/08/12	Element	6.5mm	BS8462-12	300	300	UNDER
8070137-A	16x7"	Oval Aluminium 100mm x 115mm socketed goal	Aluminium elliptical	02/07/08	STL	2mm	BS8462-12	1800	1100	OVER
9040207-A	16x7"	Anti Vandal lockable 76.1mm diameter steel Socketed Goal (one section crossbar)	Steel	09/04/09	STL	2mm	BS8462-12	1800	1100	OVER
6110083	16x7"	70mm dia Aluminium freestanding goals (two or four section crossbar)	Aluminium	14/10/07	STL	9.7mm	BS8462-2005	800	1100	OVER
6110083	16x7"	70mm dia Aluminium goal foldaway (Two section Aluminium crossbar)	Aluminium	14/10/07	STL	6.7mm	BS8462-2005	800	1100	OVER
6110083	16x7"	70mm dia aluminium goal (one section Aluminium crossbar)	Aluminium	14/10/07	STL	3.1mm	BS8462-2005	800	1100	OVER
7040410	16x7"	uPVC goal (Four section Aluminium crossbar) - Grass small bag portable goal with mass less than 18kg	uPVC/Alu	05/04/07	STL	9.9mm	BS8462:2012	300	300	UNDER
7040411	16x7"	uPVC goal (Two section Aluminium crossbar) - Grass portable large bag goal with mass less than 18kg	uPVC/Alu	05/04/07	STL	2.1mm	BS8462:2012	300	300	UNDER
7060133	16x7"	Oval Aluminium fully welded side frames (tested with multi surface anchors & integral counterbalance weights)	Aluminium	08/05/07	STL	4.8mm	BS8462:2012	1800	1100	OVER
7040411	16x7"	70mm grass portable uPVC & aluminium goal three section crossbar (fits in 2.07M long bag)	Aluminium	02/07/08	STL	8.8mm	BS8462:2012	300	300	UNDER
9040841	16x7"	Oval Aluminium 100mmx 115mm freestanding goal (tested multi surface anchors)	Aluminium elliptical	29/04/09	STL	5.6mm	BS8462:2012	1800	1100	OVER
8070135	16x7"	70mm grass portable aluminium & uPVC goal four section crossbar (fits in 1.54M bag)	uPVC/Alu	02/07/08	STL	12.2mm	BS8462:2012	300	300	UNDER
13030186	16x7"	grass demountable Aluminium 70mm freestanding goal	Aluminium	05/03/13	Element	2.8mm	BS8462:2012	300	300	UNDER
13030187	16x7"	70mm Aluminium portable goalpost with front ground spike anchors	Aluminium	05/03/13	Element	0.1mm	BS8462:2012	300	300	UNDER
13030181	16x7"	Folding lockable Oval Aluminium 100mmx 115mm freestanding goal (tested multi surface anchors)	Aluminium elliptical	05/03/13	Element	0.8mm	BS8462	1800	1100	OVER

Certificate Number	Size	Description - Youth Football Goalposts	Material	date of test	Test House	crossbar deflection	Test standard	Newtons crossbar strength	Newtons crossbar Stability	18 Kilos weight
7080246	21x7"	Anti Vandal lockable 76.1mm diameter steel Socketed Goal (Two section crossbar)	Steel	09/04/07	STL	5mm	BS8462:2012	1800	1100	OVER
9040207	21x7"	Anti Vandal lockable 76.1mm diameter steel Socketed Goal (one section crossbar)	Steel	09/04/09	STL	2.8mm	BS8462:2012	1800	1100	OVER
7080245	21x7"	80mmx80mm Aluminium with integral counterbalance back bar (one section crossbar)	Aluminium	08/05/07	STL	1mm	BS8462:2012	1800	1100	OVER
7090599	21x7"	Oval Aluminium 100x115mm Socketed Goal (two section crossbar)	Aluminium elliptical	11/09/07	STL	0.4mm	BS8462:2012	1800	1100	OVER
8070137	21x7"	Oval Aluminium 100x115mm Freestanding (one section crossbar) anchors & weights	Aluminium elliptical	02/07/08	STL	2.9mm	BS8462:2012	1800	1100	OVER
13030184	21x7"	Oval Aluminium 100x115mm folding goalpost for anchors & weights	Aluminium elliptical	05/03/13	Element	1.6mm	BS8462:2012	1800	1100	OVER
8070138	21x7"	Oval Aluminium 100x115mm Freestanding(two sectioncrossbar) anchors & weights	Aluminium elliptical	02/07/08	STL	4.2mm	BS8462:2012	1800	1100	OVER

TESTING HOUSE REFERENCE (STL) Sheffield Testing Laboratories (Element) Element Materials Technology										
The total counterbalance weight on each of the stability tests is required for each goal in the test range - Information is given with each freestanding goalpost The testing shows that all crossbars on similar goals shorter in length than twenty four foot will deflect less and will pass the strength test. All freestanding goals have been tested on grass with multi surface anchors however each pitch can vary - check ground conditions before use Freestanding goalpost frames above 45 Kilos in weight can cause serious injury if they topple on children - extra care must be taken when using these heavier goals All metal goals both steel & aluminium - experience metal fatigue with constant use and movement - check welds and joints at regular intervals - look for hairline cracks in the weld check playing surface- Additional anchors can be applied to any freestanding goal - longer safety pegs are also available to give extra support on soft or sandy surfaces. GOALPOST COUNTERBALANCE WEIGHTS REQUIRED To work out the counterweight needed for goalposts to 1100 Newton's topple test = the height of the goal upright divided by the Length of the Ground Side Frame & multiply by 112 Kg When using counter balance weights Use proper lifting techniques and protective footwear- Do not allow Children to handle or reposition goalpost counterbalance weights To work out the counterweight needed for goalposts to 300 Newtons topple test = the height of the goal upright divided by the Length of the Ground Side Frame & multiply by 31 Kg										

PLEASE NOTE When buying freestanding goals for children please check the weight/mass of the goals - These are from our own research into Blunt Trauma Thoracic Impact on children up to 18 Kg no risk 18-42Kg slight risk 42-55Kg High Risk 54-70Kg very high risk 70-98Kg potentially un survivable If you buy freestanding goals at the heavier end of the scale extra care is needed at all times-Goals MUST always be anchored and secured and adult supervision is needed *Football goal posts tested earlier however the amendments in 2009 & 20012 did not change or effect the goalpost testing required PLEASE NOTE smaller goals with the same crossbar 12'x4" and 8'x4" are also covered by the above testing as the topple is less and crossbar is identical										
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UPDATED CERTIFICATE TO BS8462 : 20012