

MATERIAL REGULATIONS



**Proposed changes for
EDITION 2010**

New clause

1.9 Floorball Accessories

Floorball accessories can, on voluntary basis, be accepted for sanctioned use together with certified Floorball equipment, under special circumstances. The special circumstances and technical requirement will be published on IFF Floorball Equipment web site in each specific case. The acceptance fulfils IFF's requirements for using IFF's logotype together with following text "Recommended by IFF" on the specified Floorball accessories, package and promotion material. All up coming and accepted Floorball accessories will be listed on IFF's Floorball Equipment web site. The list will show type of accessories and the limitation of use and/or a recommendation when to use it.

New clause

1.10 General Rules for the Floorball Stick

Shaft/blade combinations between different brands are not legal. An exception to the rule is when a company is manufacturing more than one brand, but in such a case the combinations shall be tested and also certified. All legal combinations of shafts/blades can be found in the database for certified equipment on IFF's homepage.

If a shaft is to be shorted; the shaft has to be shorted from the top of the shaft. It's not legal to shortening the shaft from the bottom (shaft/blade connection point) of the shaft.

Proposed to be a part of clause 1.10

Real Stick Length

The communication to the customer regarding stick length has to be better and more uniformed. Today most brands communicate the shaft length as the stick length to the customer. The same length (e.g. 100 cm) shown on the stick can differ many centimetres between different bands.

The table below shows a **proposal** for a more uniform communication to the customer regarding stick length. Stick length measured as specified in the Material Regulation.

Size	Stick length span
Junior S	65 – 75 cm
Junior M	75 – 85 cm
Junior L	85 – 95 cm
XS	95 – 98 cm
S	98 – 102 cm
M	102 – 106 cm
L	106 – 110 cm
XL	110 – 114 cm

IFF/SP need input from the manufactures in this topic!

Changed clause

2.1.3 Stick Dimensions

The stick is to be designed with dimensions according to appendices 9 and 10. The shaft may be strapped above the grip line, but approval marks or other possible official marks must not be covered. It is permissible to divide the grip binding into two or more parts. The shaft must have a knob closing it. It is permissible to have other shaping (e.g. hexagonal, octahedral) on the upper 50 % of the shaft length. The upper 50 % of the shaft length must be covered by a grip binding if the shaft's curve radius is less than 9 mm.

The dimensions must conform to the standard.

a) stick length	max 1140 mm	
b) the shaft's curve radius	min 9 mm	(valid for lower 50% of the shaft length)
c) length to the grip line marking	375^{+20}_{-20} mm	
d) width of grip line marking	3 ± 1 mm	
e) width of grip line design	max 20 mm	
f) blade radius	max 270 mm	
g) blade edge radius	min 2 mm	
h) blade length	max 270 mm	
i) blade thickness	min 8 mm	
j) blade height	min 72 mm and max 80 mm and passing through blade height measuring device.	
k) blade penetration depth	max 20 mm	
l) blade concavity depth	max 10 mm	
m) shaft straightness	within 50 mm	

(see also drawing, appendix 1 and 2)

Changed clause

2.2 Ball

The balls (10 of each type) are tested according to the SP-method 1506, point 5.3 (see appendix 1), and are assessed according to the following requirements. The ball can have only one colour outside and can have a second colour inside. IFF approves balls for IFF events and will only use one coloured balls. National federations can approve other than white, vanilla or red balls for play in national series. All of the tested balls are to meet the requirements.

Changed clause

2.2.7 Ball Marking

The ball is to have a negative IFF embossed print (see also point 1.3.2.4). The marking is to be of such proportions and design that the information is clearly visible and is not removed under play. The negative embossed print is to have the same colour as the ball. The ball can have a one print or negative embossed print in direct connection to the joint; showing the manufactures name or the product name. The font size has to be maximum 5 mm in height. The print or negative embossed print can have a different colour. The prints should not take up more than 1/10th of the ball's surface.

(see also drawing, appendix 3)

Changed clause

2.3.2 Goal Dimensions

The goal is to be designed with dimensions according to appendix 12. The radii of the goal, excluding those at the base of the goal, should not be under the diameter of the tubing. All of the dimensions must conform to the standard.

a) goal width	1600 ± 2 mm
b) goal height	1150 ± 2 mm
c) back bar diameter	20 ± 2 mm
d) goal frame diameter	32 ± 1 mm
e) lower goal depth	650 ± 20 mm
f) goal corner radius	100 ± 20 mm (radius of central axis)
g) upper goal depth	400 ± 50 mm

(see also drawing, appendix 4)

Changed clause

2.3.7 Drop Net Length

The drop net length is to be such that the bottom edge hangs between a min of 0 mm and a max of 50 mm from the playing surface.

Changed clause

2.5 Face Mask

Facemasks (3 of each type) are tested according to SP-method 1506, point 5.6 (see appendix 1), and are assessed according to following requirements. The whole or part of the face guard can be produce of impact resistance, transparent plastic. All of the tested face guards are to meet the requirements.

Changed clause

2.5.1 Face Mask Size

A measuring gauge, as described in SP-method 1506, point 5.6.2.3 (see appendix 1), should not be able to be inserted in any of the facemask's mesh openings whereby contact with the dummy head occurs.

Stick blade measuring device increase its size to 70 x 8 mm (before 50 x 8 mm).

(see also drawing, appendix 5)

Changed clause

4.6 Sanction System

The International Floorball Federation IFF has stated a sanction system to be applied to manufacturers in the event of failure of the surveillance inspection of material as follows:

1. Surveillance inspection will be performed in accordance with the present system and regulations (SPCR 011 Material Regulations).
2. The manufacturer will perform in-house inspection and respond in accordance with the requirements of Paragraph 3.
If surveillance inspection finds failures of materials, the company shall in accordance to the SPCR 011 Material Regulations provide an explanation of why the material has failed, and shall provide a copy of its in-house test and inspection records for examination.
3. If the explanation does not provide a clear and suitable answer to the question, the IFF Central Board will decide upon the sanction to be applied to the company in accordance with the sanction system. The sanction system consists of three different levels (see Items 4.6.1 - 3).
4. Revenue from sanction penalties shall be used to develop Floorball in accordance with IFF Development Board decisions. Sanction penalties must be paid to the IFF account within 30 days of the IFF Central Board decision.

The IFF Central Board will inform its member Associations and the companies about any decision made by the Central Board in material questions. All information regarding these questions is strictly confidential until the decision is made.

4.6.1 Level 0

4.6.1.1 Types of non-compliances (first time discovered)

Typical examples of Level 0 non-compliances:

Items discovered not to have annual rate on the self-printed sticker.	Items discovered not to fulfil IFF-sticker design requirement on the self-printed sticker.
Items discovered to have self printed IFF-mark placed above grip line.	Items discovered not to have name of certificate holder printed on the product, valid for stick, goal and rink (first year 080701 – 090630).
Blade - no embossed IFF-marking on the blade (first year 080701 – 090630).	

4.6.1.2 Action/Timetable

- The manufacturer to find the reason for the non-compliance and correct it within four weeks.
- Documentation of corrections to be sent to SP within the same four weeks.
- IFF to make a decision and return the copy of the documents within two weeks of receipt.

4.6.1.3 Penalty

- If SP finds the non-compliance during surveillance inspection, the penalty is admonition in written.

4.6.2 Level 1

4.6.2.1 Types of non-compliances

Typical examples of Level 1 non-compliances:

Items discovered not to have annual rate on the self-printed sticker.	Items discovered not to fulfil IFF-sticker design requirement on the self-printed sticker.
Items discovered to have self printed IFF-mark placed above grip line.	Items discovered not to have name of certificate holder printed on the product, valid for stick, goal and rink (after 090701)
Stick - screws exceeding + 0,5 mm.	Blade - protruding plastic blip exceeding + 0,5 mm.
Stick - incorrect grip-line placing and/or design.	Goal - protruding metallic blip exceeding + 0,5 mm.
Stick - discovered not to have the blade fixed mounted to the shaft by means of pre-fabricated holes, using rivets/screws.	Rink - protruding plastic/metallic blip exceeding + 0,5 mm.
Blade - no embossed IFF-marking on the blade (after 090701)	

4.6.2.2 Action/Timetable

- The manufacturer to find the reason for the non-compliance and correct it within four weeks.
- Documentation of corrections to be sent to SP within the same four weeks.
- IFF to make a decision and return the copy of the documents within two weeks of receipt.

4.6.2.3 Penalty

- If SP finds the non-compliance during surveillance inspection, the penalty is CHF 2000.

4.6.3 Level 2

4.6.3.1 Types of non-compliances

Typical examples of Level 2 non-compliances:

IFF-mark items discovered not to have been registered.	All - exceeding rules and measurements as set out in SPCR 011.
Stick - exceeding the total length (if found to be intentional, this will be treated as a Level 3 fault).	Ball - exceeding the required dimensions, breaking stress and rebound.

Stick - exceeding the total weight.	Goal - exceeding the total weight and required dimensions.
Stick - Breakpoint lower than allowed in the rules.	
Blade - exceeding size measurements of the blade by up to 1 % due to defective injection moulding.	Rink - exceeding the required dimensions, radius and section fitment.
Ball - exceeding the total weigh.	Face mask - exceeding the required dimension on maximum two facemask's mesh openings.

4.6.3.2 Action/Timetable

- The manufacturer to find the reason for the non-compliance and correct it within four weeks.
- Documentation of corrections to be sent to SP within the same four weeks.
- IFF to make a decision and return the copy of the documents within two weeks of receipt.

4.6.3.3 Penalty

- If SP finds the non-compliance during surveillance inspection, the penalty is CHF 4000.

4.6.4 Level 3

4.6.4.1 Types of non-compliances

Typical examples of Level 3 non-compliances: .

IFF-mark items discovered not to have been tested.	IFF-mark items discovered not to have been certified.
Items that have passed the SPCR 011 rules, and then have afterwards been changed such that they no longer comply with the rules, so that the manufacturer is in clear breach of the SPCR 011 rules.	IFF-mark items discovered to have incorrect certification number.
Stick - Shaft stiffer than allowed in the rules (if found to be intentional and/or a repeated fault).	Stick - Exceeding the total length (if found to be intentional and/or a repeated fault).
Blade - Measurement on height, length or concavity, of blade exceeding 1 % error.	Blade - R2 external radius, bottom radius R270.
Face mask - exceeding the required dimension on facemask's mesh openings and impact strength.	

4.6.4.2 Action/Timetable

- The manufacturer to find the reason for the non-compliance and correct it within four weeks.
- Documentation of corrections to be sent to SP within the same four weeks.
- IFF to make a decision and return the copy of the documents within two weeks of receipt.

4.6.4.3 Publication

A publication of the incident on IFF's web site

4.6.4.3 Publication/Penalty

- If SP finds the non-compliance during surveillance inspection, the penalty is CHF 10000.
- The manufacturer's certificate will be withdrawn, after a written resolution from IFF, if the non-compliance has not been corrected and reported back to SP within eight weeks
- A new certificate can be applied for to SP or another test institute (see Appendix 2).
- Publication of a notice that the item does not comply with IFF rules and that any player should contact the company directly.
- IFF will send a list of failed items to all IFF member associations.

4.6.4.4 Additional rules

IFF can grant a longer timetable if it is needed in order to provide a fair chance of finding and correcting the non-compliance.

4.6.4.5 Waiver

Some players make their own sticks, swapping shafts and blades.
Some cut the shaft at the bottom to save the grip when adjusting the shaft length. This will have the effect of automatically making the position of the face-off line incorrect.
Manufacturers are responsible only for the original non-used item. If the blade, grip or shaft is modified, the manufacturer accepts no responsibility for the result, and will not be held responsible. No penalty will be levied on the manufacturer, and no details will be published.

4.6.5 Sanctions for not sending accounting reports.

From 15th of March 2004 stick manufactures are allowed to print the certification mark directly on the stick. To ensure that the correct fee for the certification mark is calculated, the manufacturer must three times a year send accounting reports to SP. The report for Jan-Apr must be sent before 21st of May, the report for May-Aug before 21st of Sep and the report for Sep-Dec before 21st of Jan.

It is very essential that these reports are correct and sent in time.

Ball manufactures shall have an embossed pattern of the certification mark on the balls surface. To ensure that the correct fee for the certification mark is calculated, the manufacturer must one time a year send an accounting report to SP. The report for Jan-Dec previous year must be sent before 21th of May.

Sanctions for not sending reports in time

4.6.5.1 Level 1

Sanction for being 1-7 days late with the report; CHF 500.

4.6.5.2 Level 2

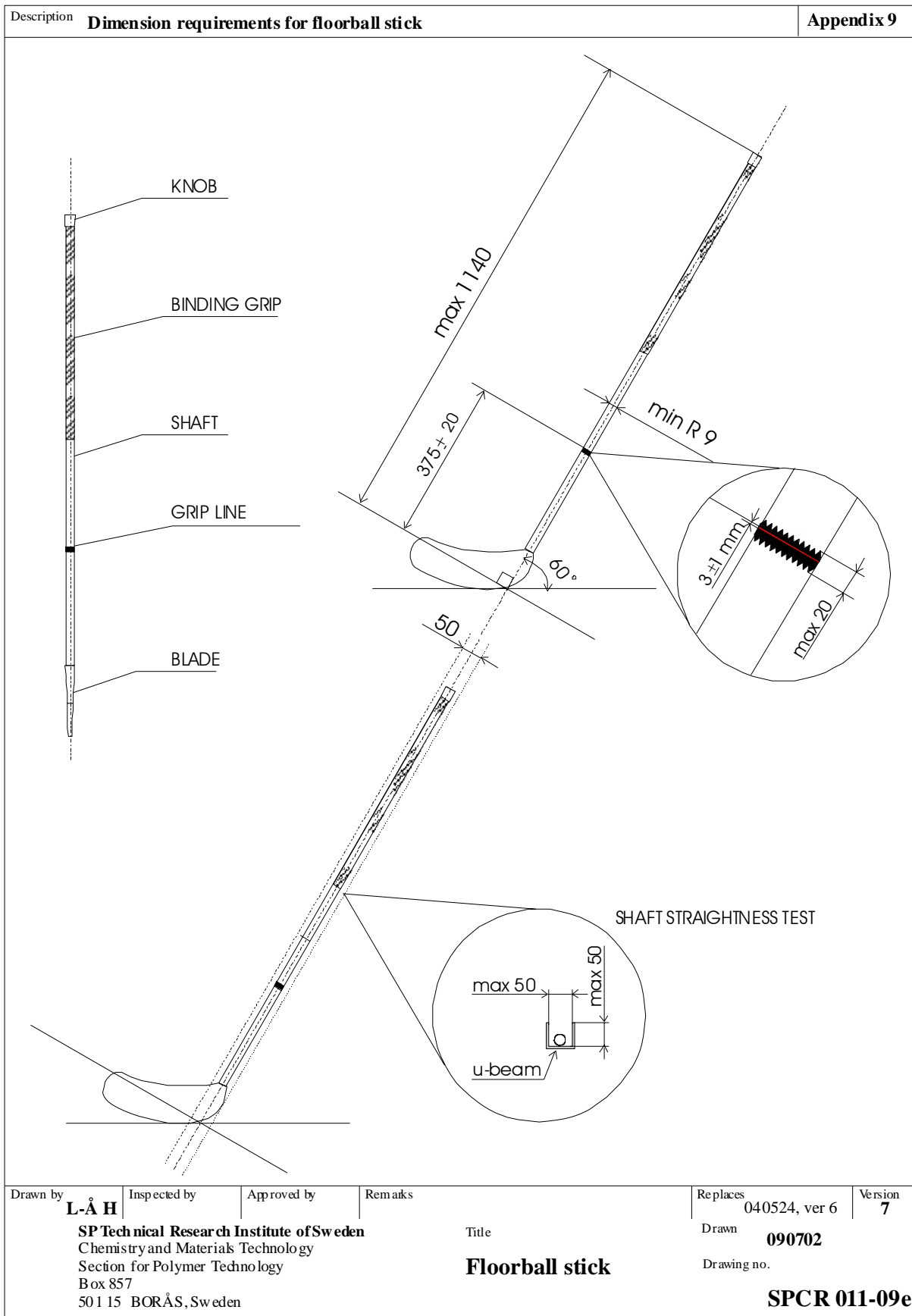
Sanction for sending report 8-30 days late; CHF 1000.

4.6.5.3 Level 3

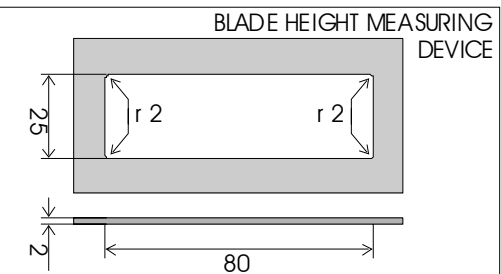
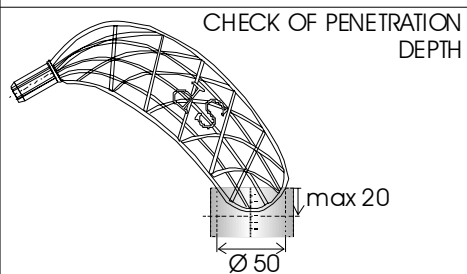
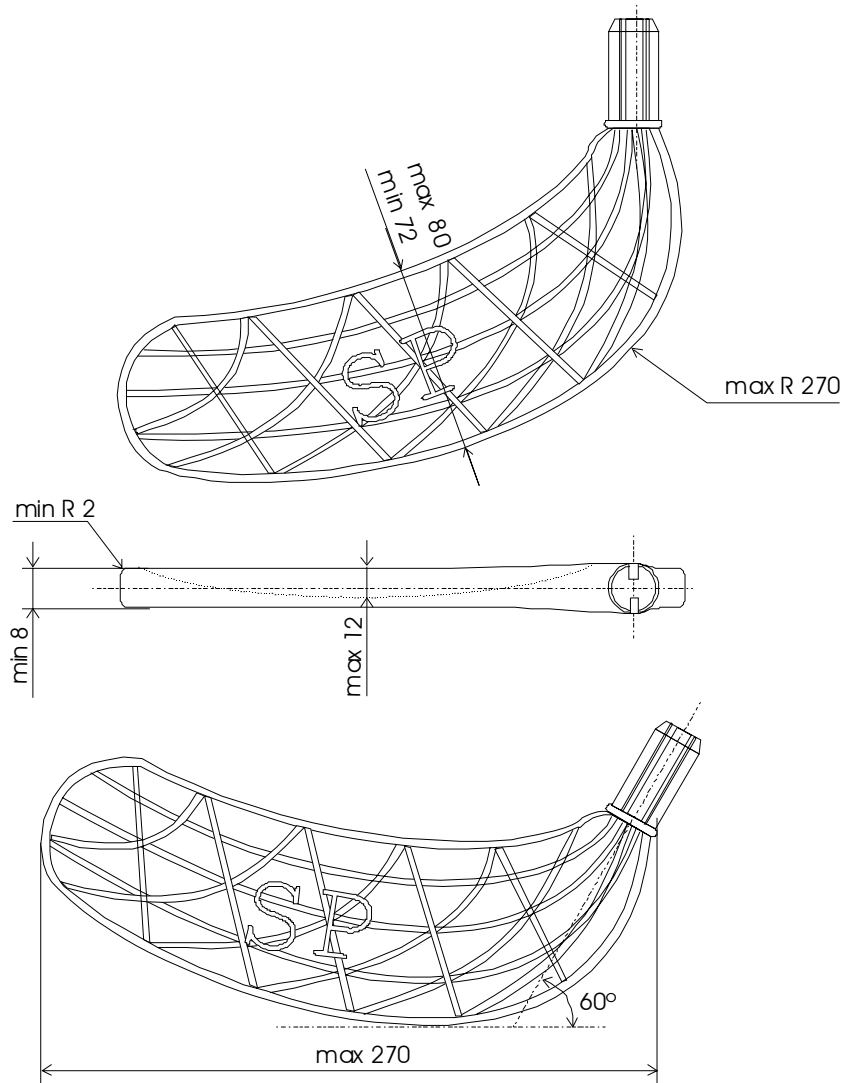
Sanction for sending report 30-60 days late; CHF 5000.

4.6.5.4 Level 4

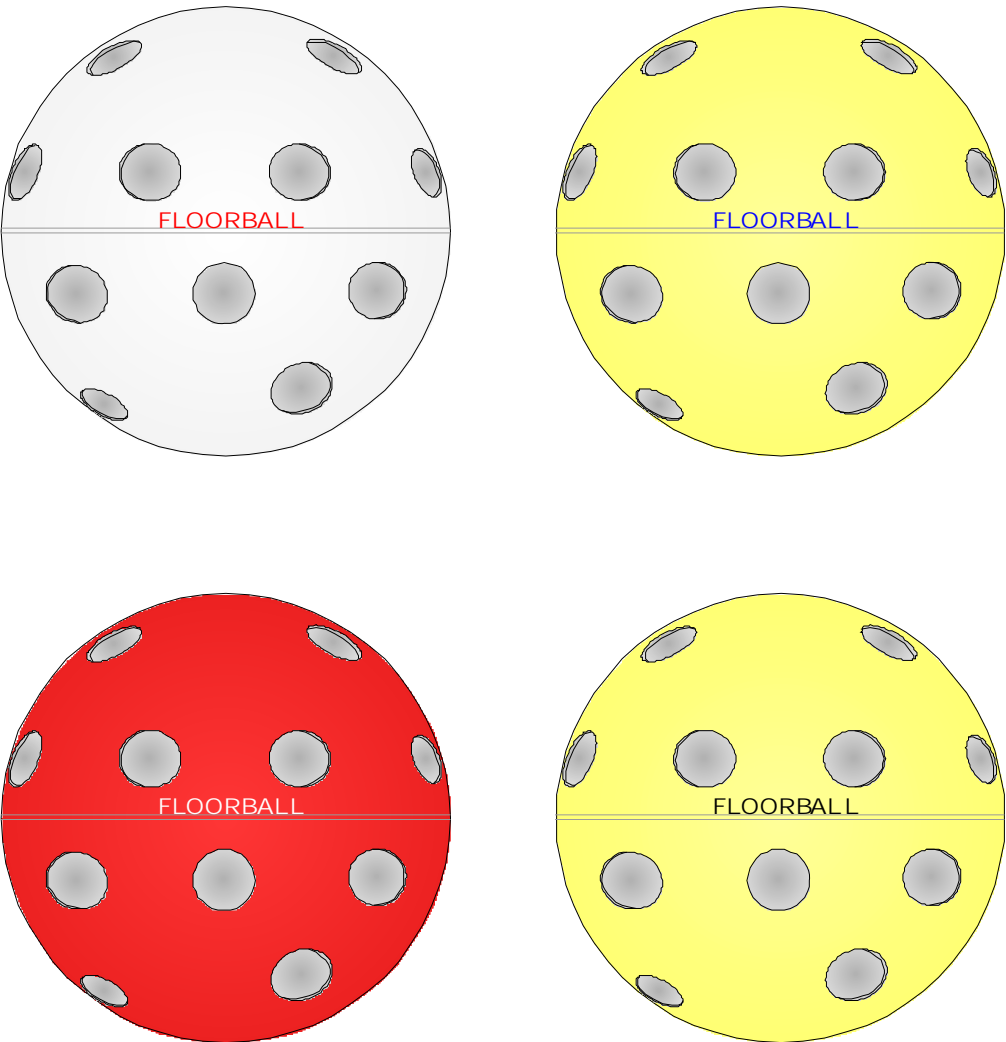
Sanction for sending report more than 60 days late or sending incorrect report or non-compliance with payment for sanctions in level 1-3.
Sanction actions to be decided by IFF in each case.

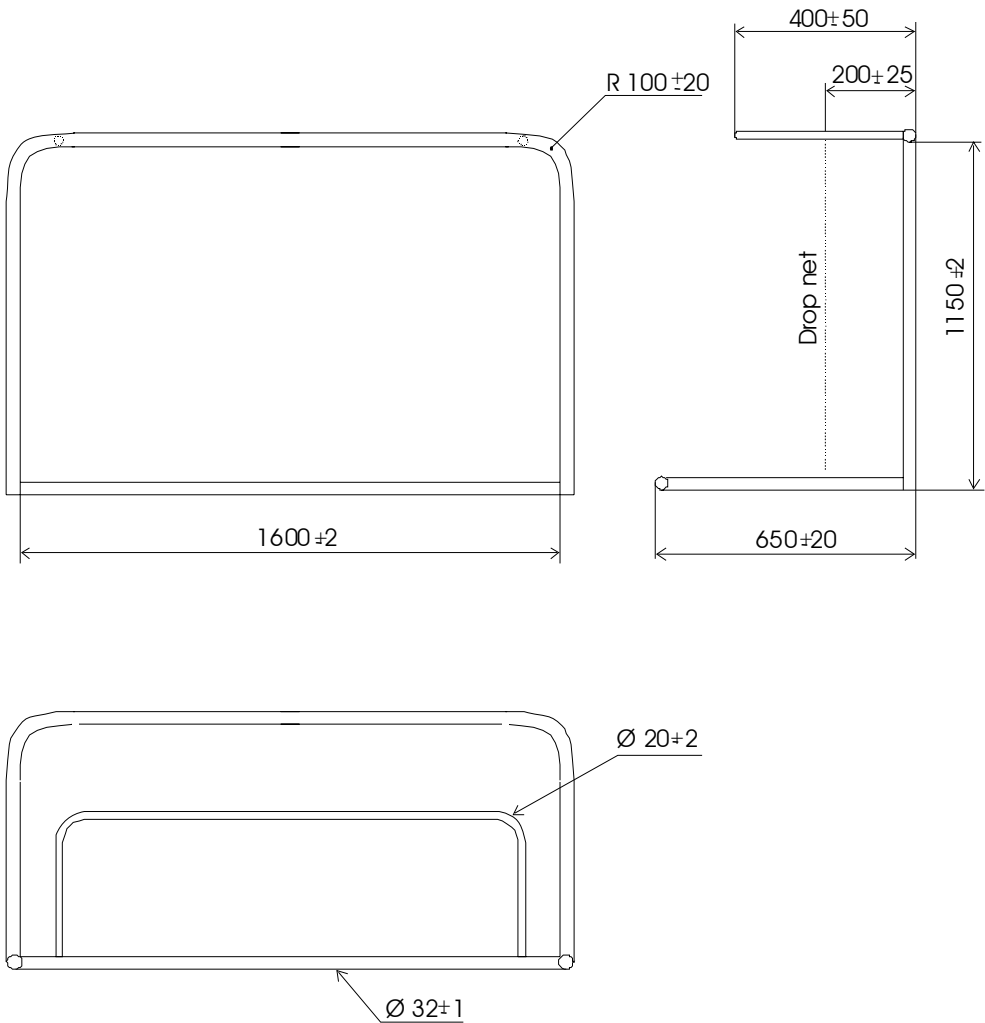
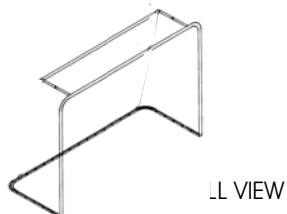


Description Dimension requirements for floorball stick blade	Appendix 10
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Drawn by L-Å H	Inspected by	Approved by	Rem aks	Replaces 050103, ver 5	Version 6
SP Technical Research Institute of Sweden Chemistry and Materials Technology Section for Polymer Technology Box 857 501 15 BORÅS, Sweden			Title Stick blade	Drawn 090903 Drawing no. SPCR 011-10e	

Description Dimension requirements for floorball ball				Appendix 11	
					
<p>Negative embossed print up to 0.5 mm deep and a height of max 5 mm are allowed. The print can have a different colour.</p>					
Drawn by	Inspected by	Approved by	Remarks	Replaces	Version
L-Å H				Drawn	
SP Technical Research Institute of Sweden Chemistry and Materials Technology Section for Polymer Technology Box 857 501 15 BORÅS, Sweden			Title	Drawing no.	
			Floorball ball	SPCR 011	

Description Dimension requirements for floorball goal	Appendix 12				
 <p>The drawing includes three views of a floorball goal:</p> <ul style="list-style-type: none"> Front View: Shows a rectangular frame with rounded corners. The width is 1600 ± 2 mm. The top corners have a radius of $R 100 \pm 20$ mm. Side View: Shows the profile of the goal. The total height is 1150 ± 2 mm. The top horizontal bar has a width of 400 ± 50 mm. The vertical post has a diameter of $\varnothing 32 \pm 1$ mm. The horizontal bar is positioned 200 ± 25 mm from the top edge of the post. A "Drop net" is attached to the bottom of the post. Detail View: Shows a close-up of the corner joint where the horizontal bar meets the vertical post. The diameter of the post is $\varnothing 20 \pm 2$ mm. 					
 <p>Isometric view of the floorball goal, labeled "LL VIEW".</p>					
Drawn by L-Å H	Inspected by	Approved by	Remarks	Replaces 060315, ver 6	Version 7
<p>SP Technical Research Institute of Sweden Chemistry and Materials Technology Section for Polymer Technology Box 857 501 15 BORÅS, Sweden</p>				<p>Title Floorball goal</p> <p>Drawn 090903</p> <p>Drawing no. SPCR 011-12e</p>	

Description Equipment for net size test on face mask				Appendix 25	
Drawn by L-Å H	Inspected by	Approved by	Remarks	Replaces 080512	Version 4
SP Technical Research Institute of Sweden Chemistry and Materials Technology Section for Polymer Technology Box 857 501 15 BORÅS, Sweden			Title Stick Blade Measuring Device		Drawn 090702 Drawing no. SPM 1506-25e