

BIGW



BIG W SD 1 APPAREL DESIGN SIZE SPECIFICATIONS / GRADE RULES AND CONSTRUCTION STANDARDS

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1 Document Overview

This document explains, to all relevant parties, the quality levels of apparel accepted by BIG W and the test methods and standards that are used to confirm that products meet these quality levels.

2 Design Standards and Sample Requirements

- Design sample submission form assessment
- Sample Garment and document information comply
- Sample is in the correct fabric and weight
- Specification follows the Big W Specification & Grade Rules
- Garment Measures to Specification
- Big W Design will assess the garment for fit and hang appeal
- Live Fit with buyer if Required for new block/fit
- Garment Grading Specification Approval
- Children's Nightwear / Limited Daywear Mandatory Inspection if required
- Sample has the correct size on the label
- Ensure that the correct sample size has been submitted

All of these tests or inspections need to be passed for approval.

2.1 Requirements – Design Sample

The Supplier is required to submit a sample that complies with the following requirements:

- The sample must be in the correct Big W sample body size so that it can be fitted on the specified body form dummy as per the Big W specifications highlighted in red.
- The sample must be in fabric of the correct base cloth and weight, as intended for production.
- If production of knitted fabric is a yardage print, the sample must be in a yardage print.
- A supplier graded ½ circumference measurement specification sheet for the style with tolerances must be submitted for each design together with a copy of the suppliers own assessment.
- Size coding to be stated as per Big W size specification code for the category – Section 4- Apparel Body Size for Labelling
- Children's nightwear must be labelled as per the mandatory size coding scheme AS/NZS 1182.
- Children's nightclothes must meet all the mandatory requirements for the appropriate category 1, 2, 3 or 4 – AS/NZS 1249:2003
- Surface Burn and Flame Spread reports must be submitted when applicable for correct category assessment.
- Samples will not be approved until the correct flammability reports have been submitted to Big W Q.A..
- Big W Q.A. will assess children's nightwear samples for the correct fire category. This will require samples to be in the correct construction, fabric and trims to be used in production. Artwork with accurate detailed information of embellishments must be supplied with the sample for this assessment.

- Big W Q.A. recommend that the below sample label be used stating the correct size and vendor name. This label is then sewn into the centre back neck or waist of all sample garments submitted..

BIG W
Q A SAMPLE
Supplier.....
Style.....
Sample size.....
Range sizes.....
Date.....

- Example of the Big W sample label to be used by all suppliers for generic designs.

2.2 Requirements - Size Specification Sheet

BIG W requires that the following conditions are adhered to for all Size Specifications:

- Suppliers may submit their own garment dimensions on the BIG W Specification Form or a BIG W Design graded garment specification with tolerances as per the Big W sizing and grading specifications.

Supplier to ensure that the garment specification sets out the finished garment dimensions for key fit areas and design elements, with a diagram illustrating where those dimensions are measured.

3 Body Size Measurements and Grade Rules - (Half Circumference Measurements)

3.1 BIG W - Infants

<i>Area of measurement</i>		0000 Newborn	Grade Rule	000 3 mths	Grade Rule	00 3-6 mths	Grade Rule	0 6-12 mths	Grade Rule	Size 1 12-18 mths	Grade Rule	Size 2 24 mths	Tol +/-
<i>Based on total body height*</i>		56		62		68		76		84		92	
<i>To Fit Weight - Kg</i>		4		6		8		10		12		-	
1	½ Chest	20.5	1.5	22	1.5	23.5	1.5	25	1.5	26.5	1.5	28	1
2	½ Waist	20.5	1.5	22	1.5	23.5	1.5	25	1	26	1	27	1
3	½ Minimum Waist Stretch	22.5	1.5	24	1.5	25.5	1.5	27	1	28	1.5	29.5	MIN
4	½ Hip	21	1.5	22.5	1.5	24	1.5	25.5	1	26.5	1.5	28	1
5	½ Thigh	13	0.5	13.5	0.5	14	0.5	14.5	0.5	15	0.5	15.5	0.5
6	½ Neck Circum	11	0.5	11.5	0.5	12	0.5	12.5	0.5	13	0.5	13.5	0.5
7	½ Minimum Neck stretch	26	-	26	1	27	-	27	-	27	1	28	MIN
8	Shoulder Breadth	19	1	20	1	21	1	22	1	23	1	24	1
9	½ Armhole	9.5	0.5	10	0.5	10.5	0.5	11	0.5	11.5	0.5	12	0.5
10	½ Upper Arm 3cm down	7.75	0.25	8	0.25	8.25	0.25	8.5	.25	8.75	.25	9	0.25
11	½ Wrist	6	0	6	0	6	0.5	6.5	0	6.5	0	6.5	0.5
12	Cervical to Wrist (Raglan sleeve only) ***	24	3	27	3	30	3	33	4	37	5	42	1
13	Shoulder Point to Wrist (Set in sleeve only)	14.5	2.5	17	2.5	19.5	2.5	22	3.5	25.5	4.5	30	1
14	Cervical Height	41	6	47	6	53	7	60	7	67	7	74	2
15	Cervical to Waist	15	1	16	1	17	2	19	2	21	2	23	1
16	Cervical to Hip	20	2	22	2	24	3	27	3	30	3	33	1
17	Waist Height ~ Outside leg to floor	26	5	31	5	36	5	41	5	46	6	52	1
18	½ Ankle	7	0.25	7.25	0.25	7.5	0.25	7.75	0.25	8	.25	8.25	0.25
19	Waist to Knee	15	3	18	3	21	3	24	3	27	3	30	1
20	½ Knee	8.5	.5	9	0.5	9.5	0.5	10	0.5	10.5	0.5	11	0.5
21	Front Crotch Length (Body) (Nappy)	13.5 16.5	1	14.5 17.5	1	15.5 18.5	1	16.5 19.5	1.5	18 21	1.5	19.5 22.5	0.5
22	Back Crotch Length (Body) (Nappy)	16.5 19.5	1	17.5 20.5	1	18.5 21.5	1	19.5 22.5	1.5	21 24	1.5	22.5 25.5	0.5
23	In-Leg Crotch Height	16	4	20	4	24	4	28	4	32	4	36	1
24	½ Vertical Trunk**	30	3	33	3	36	3	39	3	42	3	45	1

*Total height includes head ** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.2 BIG W – Children’s 3-7

<i>Area of measurement</i>		Age 3	Grade Rule	Age 4	Grade Rule	Age 5	Grade Rule	Age 6	Grade Rule	Age 7	TOL +/-
<i>Based on total body height *</i>		100		108		115		120		125	
<i>To Fit CHEST</i>		58		60		62		64		66	
<i>To Fit WAIST</i>		55		56		57		58		59	
<i>To Fit HIP</i>		59		62		64		66		68	
1	½ Chest	29	1	30	1	31	1	32	1	33	0.5
2	½ Waist	27.5	0.5	28	0.5	28.5	0.5	29	0.5	29.5	0.5
3	½ Minimum Waist Stretch	31.5	1.5	33	1	34	1	35	1	36	MIN
4	½ Hip	29.5	1.5	31	1	32	1	33	1	34	0.5
5	½ Thigh	16	0.5	16.5	0.75	17.25	0.75	18	0.75	18.75	0.5
6	½ Neck Circum	13.5	0.5	14	0.5	14.5	0.5	15	0.5	15.5	0.5
7	½ Minimum Neck stretch	28	-	28	-	28	-	28	-	28	MIN
8	Shoulder Breadth	26	1	27	1	28	1	29	1	30	0.5
9	Back Width at ½ Armhole	24	1	25	1	26	1	27	0.5	27.5	0.5
10	½ Armhole	12.75	0.75	13.5	0.5	14	0.5	14.5	0.5	15	0.5
11	½ Upper Arm 3cm down	9	0.5	9.5	0.25	9.75	0.25	10	0.25	10.25	0.25
12	½ Wrist	7	0.25	7.25	0.25	7.5	0.25	7.75	0.25	8	0.25
13	Cervical to Wrist (Raglan sleeve only)***	45.5	3.5	49	3.5	52.5	3.5	56	2.5	58.5	1
14	Shoulder Point to Wrist (Set in sleeve only)	32.5	3	35.5	3	38.5	3	41.5	2	43.5	1
15	Cervical Height	82	7	89	6	95	5	100	5	105	2
16	Cervical to Waist	25	1	26	1	27	1	28	1	29	1
17	Cervical to Hip	36	2	38	2	40	2	42	2	44	1
18	Waist Height ~ Outside leg to floor	58	6	64	5	69	4	73	4	77	1
19	½ Ankle	8.5	0.25	8.75	0.25	9	0.25	9.25	0.25	9.5	0.5
20	Waist to Knee	33	3	36	3	39	2	41	2	43	1
21	½ Knee	11.5	0.5	12	0.5	12.5	0.5	13	0.5	13.5	0.5
22	Total Crotch Length (Body)	44	2	46	3	49	2	51	2	53	1
23	Front Crotch Length	20.5	1	21.5	1.5	23	1	24	1	25	0.5
24	Back Crotch Length	23.5	1	24.5	1.5	26	1	27	1	28	0.5
25	In-Leg Crotch Height	40	5	45	4	49	3	52	3	55	1
26	½ Vertical Trunk **	47.5	2.5	50	2	52	2	54	2.5	56.5	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.3 BIG W – Girl’s 8–16

<i>Area of measurement</i>		Size 8	Grade Rule	Size 10	Grade Rule	Size 12	Grade Rule	Size 14	Grade Rule	Size 16	TOL +/-
<i>Based on total body height *</i>		130		140		150		160		165	
<i>To Fit BUST</i>		68		74		80		86		90	
<i>To Fit WAIST</i>		60		62		64		66		70	
<i>To Fit HIP</i>		72		78		84		90		95	
1	½ Chest	34	3	37	3	40	3	43	2	45	1
2	½ Waist	30	1	31	1	32	1	33	2	35	1
3	½ Waist Minimum stretched	37.5	3	40.5	3	43.5	3	46.5	3	49.5	MIN
4	½ Hip	36	3	39	3	42	3	45	2.5	47.5	1
5	½ Thigh	20	2	22	2	24	2	26	2	28	1
6	½ Neck Circum	16	1	17	0.5	17.5	0.5	18	1	19	0.5
7	½ Minimum Neck stretch	28	-	29	1	30	-	30	-	30	MIN
8	Shoulder Breadth	33.5	1.5	35	1.5	36.5	1.5	38	1.5	39.5	1
9	Back Width at ½ armhole	28	2	30	2	32	2	34	1	35	1
10	½ Armhole	15	1	16	1.5	17.5	1.5	19	1	20	0.5
11	½ Upper Arm 3cm down	10.5	0.5	11	1	12	1	13	1	14	0.5
12	½ Wrist	7.5	0.5	8	0.25	8.25	0.25	8.5	0.25	8.75	0.5
13	Cervical to Wrist (Raglan sleeve only)***	61	5	66	5	71	5	76	2	78	1
14	Shoulder point to Wrist (Set in sleeve only)	44.25	4.25	48.5	4.25	52.75	4.25	57	1.25	58.25	1
15	Cervical Height	109	9	118	10	128	9	137	5	142	2
16	Cervical to Waist	29	2	31	3	34	3	37	3	40	1
17	Cervical to Hip	45	4	49	4	53	4	57	4	61	1.5
18	Waist Height ~ Outside leg to floor	81	8	89	7	96	6	102	2	104	1
19	½ Ankle	9.75	0.5	10.25	0.25	10.5	0.25	10.75	0.25	11	0.5
20	Waist to knee	45	4	49	5	54	4	58	1	59	1
21	½ Knee	14.5	1.5	16	0.75	16.75	0.75	17.5	0.75	18.25	0.5
22	Total Crotch Length(body)	56	4	60	4	64	4	68	3	71	1.5
23	Front Crotch Length	26	2	28	2	30	2	32	1.5	33.5	0.75
24	Back Crotch Length	30	2	32	2	34	2	36	1.5	37.5	0.75
25	In-Leg Crotch Height	58	6	64	6	70	5	75	1	76	1
26	½ Vertical Trunk **	58	4	62	5	67	5	72	4	76	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.4 BIG W – Boy’s 8 - 16

<i>Area of measurement</i>		Size 8	Grade Rule	Size 10	Grade Rule	Size 12	Grade Rule	Size 14	Grade Rule	Size 16	TOL +/-
<i>Based on total body height *</i>		130		140		150		160		170	
<i>To Fit CHEST</i>		68		72		76		80		86	
<i>To Fit WAIST</i>		60		64		68		72		76	
<i>To Fit HIP</i>		70		74		78		84		90	
1	½ Chest	34	2	36	2	38	2	40	3	43	1
2	½ Waist	30	2	32	2	34	2	36	2	38	1
3	½ Minimum Waist Stretch	37	2	39	2	41	3	44	3	47	MIN
4	½ Hip	35	2	37	2	39	3	42	3	45	1
5	½ Thigh	19.5	1.5	21	1.5	22.5	1.75	24.25	1.25	25.5	1
6	½ Neck Circum	16	1	17	0.5	17.5	0.5	18	1	19	0.5
7	½ Minimum Neck stretch	28	1	29	1	30	-	30	-	30	MIN
8	Shoulder Breadth	30	2	32	2	34	2	36	3	39	1
9	Back Width at ½ armhole	28	2	30	2	32	2	34	3	37	1
10	½ Armhole	15.5	1	16.5	1.5	18	1.5	19.5	1.5	21	0.5
11	½ Upper Arm 3cm down	10.5	0.5	11	1	12	1	13	1	14	0.5
12	½ Wrist	7	0.5	7.5	0.25	7.75	0.25	8	0.25	8.25	0.5
13	Cervical to Wrist (Raglan sleeve only)***	61	5	66	5	71	5	76	5	81	1
14	Shoulder Point to Wrist (Set in sleeve only)	45.25	3.5	48.75	4.25	53	4.25	57.25	4.25	61.5	1
15	Cervical Height	109	9	118	10	128	9	137	9	146	2
16	Cervical to Waist	30	2	32	3	35	3	38	3	41	1
17	Cervical to Hip	46	4	50	4	54	4	58	4	62	1
18	Waist Height ~ Outside leg to floor	80	8	88	7	95	6	101	6	107	+2/-1
19	½ Ankle	10	0.5	10.5	0.25	10.75	0.25	11	0.25	11.25	0.5
20	Waist to Knee	44	5	49	5	54	4	58	3	61	1
21	½ Knee	14.75	1.5	16.25	0.75	17	0.75	17.75	0.75	18.5	0.5
22	Total Crotch Length (Body)	56	4	60	4	64	4	68	4	72	1.5
23	Front Crotch Length	26	2	28	2	30	2	32	2	34	0.75
24	Back Crotch Length	30	2	32	2	34	2	36	2	38	0.75
25	In-Leg – Crotch Height	57	6	63	6	69	5	74	5	79	1
26	½ Vertical Trunk **	59	4	63	5	68	5	73	5	78	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.5 BIG W – REGULAR LADIES’S 8–16

<i>Area of measurement</i>		Size 8	Grade Rule	Size 10	Grade Rule	Size 12	Grade Rule	Size 14	Grade Rule	Size 16	TOL +/-
<i>Based on total body height *</i>		169		169		169		169		169	
<i>To Fit BUST</i>		85		90		95		100		105	
<i>To Fit WAIST</i>		65		70		75		80		85	
<i>To Fit HIP</i>		90		95		100		105		110	
1	½ Chest	42.5	2.5	45	2.5	47.5	2.5	50	2.5	52.5	1
2	½ Waist	32.5	2.5	35	2.5	37.5	2.5	40	2.5	42.5	1
3	½ Waist Minimum stretched	46.5	2.5	49	2.5	51.5	2.5	54	2.5	56.5	MIN
4	½ Hip	45	2.5	47.5	2.5	50	2.5	52.5	2.5	55	1
5	½ Thigh	27.5	1.5	29	1.5	30.5	1.5	32	1.5	33.5	1
6	½ Neck Circum	18.25	0.75	19	0.75	19.75	0.75	20.5	0.75	21.25	0.5
7	½ Minimum Neck stretch	30	-	30	-	30	-	30	-	30	MIN
8	Shoulder Breadth	36.8	1.2	38	1.2	39.2	1.2	40.4	1.2	41.6	1
9	½ Armhole	18	1	19	1	20	1	21	1	22	1
10	½ Upper Arm 3cm down	13.5	0.5	14	0.5	14.5	0.5	15	0.5	15.5	1
11	½ Wrist	7.5	0.25	7.75	0.25	8	0.25	8.25	0.25	8.5	0.5
12	Cervical to Wrist (Raglan sleeve only)***	77	1	78	1	79	1	80	1	81	1
13	Shoulder point to Wrist (Set in sleeve only)	57.5	0.5	58	0.5	58.5	0.5	59	0.5	59.5	1
14	Cervical to Waist	41	-	41	-	41	-	41	-	41	1
15	Cervical to Hip	61	-	61	-	61	-	61	-	61	1
16	Waist Height ~ Outside leg to floor	105	-	105	-	105	-	105	-	105	+2/-1
17	½ Ankle	10.5	0.5	11	0.5	11.5	0.5	12	0.5	12.5	0.5
18	Waist to knee	62	-	62	-	62	-	62	-	62	1
19	½ Knee	16.5	1	17.5	1	18.5	1	19.5	1	20.5	0.5
20	Total Crotch Length (Body)	66	2	68	2	70	2	72	2	74	1.5
21	Front Crotch Length	31	1	32	1	33	1	34	1	35	0.75
22	Back Crotch Length	35	1	36	1	37	1	38	1	39	0.75
23	In-Leg Crotch Height	78	-	78	-	78	-	78	-	78	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.6 BIG W – PLUS LADIES’S 18–26

<i>Area of measurement</i>		Size 18	Grade Rule	Size 20	Grade Rule	Size 22	Grade rule	Size 24	Grade rule	Size 26	TOL +/-
<i>Based on total body height *</i>		169		169		169		169		169	
<i>To Fit BUST</i>		110		115		120		125		130	
<i>To Fit WAIST</i>		95		100		105		110		115	
<i>To Fit HIP</i>		120		125		130		135		140	
1	½ Chest	55	2.5	57.5	2.5	60	2.5	62.5	2.5	65	1
2	½ Waist	47.5	2.5	50	2.5	52.5	2.5	55	2.5	57.5	1
3	½ Waist Minimum stretched	61.5	2.5	64	2.5	66.5	2.5	69	2.5	71.5	MIN
4	½ Hip	60	2.5	62.5	2.5	65	2.5	67.5	2.5	70	1
5	½ Thigh	34	1.5	35.5	1.5	37	1.5	30.5	1.5	40	1
6	½ Neck Circum	20.5	0.75	21.25	0.75	22	0.75	22.75	0.75	23.5	0.5
7	½ Minimum Neck stretch	32	-	32	-	32	-	32	-	32	MIN
8	Shoulder Breadth	43	1.2	44.2	1.2	45.4	1.2	46.6	1.2	47.8	1
9	½ Armhole	23	1	24	1	25	1	26	1	27	1
10	½ Upper Arm 3cm down	17.5	1	18.5	1	19.5	1	20.5	1	21.5	1
11	½ Wrist	9	0.25	9.25	0.25	9.5	0.25	9.75	0.25	10	0.5
12	Cervical to Wrist (Raglan sleeve only)***	83	1	84	1	85	1	86	1	87	1
13	Shoulder point to Wrist (Set in sleeve only)	62	0.5	62.5	0.5	63	0.5	63.5	0.5	64	1
14	Cervical to Waist	43.2	-	43.2	-	43.2	-	43.2	-	43.2	1
15	Cervical to Hip	62.2	-	62.2	-	62.2	-	62.2	-	62.2	1
16	Waist Height ~ Outside leg to floor	105	-	105	-	105	-	105	-	105	+2/-1
17	½ Ankle	12.5	0.5	12.5	0.5	13	0.5	13.5	0.5	14	0.5
18	Waist to knee	62	-	62	-	62	-	62	-	62	1
19	½ Knee	21	1	22	1	23	1	24	1	25	0.5
20	Total Crotch Length (Body)	83	2	85	2	87	2	89	2	91	1.5
21	Front Crotch Length	39	1	40	1	41	1	42	1	43	0.75
22	Back Crotch Length	44	1	45	1	46	1	47	1	48	0.75
23	In-Leg Crotch Height	78	-	78	-	78	-	78	-	78	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.7 BIG W – REGULAR MEN’S S / 14 – 2XL / 22

Area of measurement		Size S / 14	Grade Rule	Size M / 16	Grade Rule	Size L / 18	Grade rule	Size XL / 20	Grade Rule	Size 2XL / 22	TOL +/-
Based on total body height *		180		180		180		180		180	
To Fit CHEST		90		95		100		105		110	
To Fit WAIST		80		85		90		95		100	
To Fit HIP		95		100		105		110		115	
1	½ Chest	45.5	2.5	48	2.5	50.5	2.5	53	2.5	55.5	1
2	½ Waist	40	2.5	42.5	2.5	45	2.5	47.5	2.5	50	1
3	½ Minimum Waist stretch	50	2.5	52.5	2.5	55	2.5	57.5	2.5	60	MIN
4	½ Hip - 25cm below waist	47.5	2.5	50	2.5	52.5	2.5	55	2.5	57.5	1
5	½ Thigh	28.5	1.5	30	1.5	31.5	1.5	32.5	1.5	33	1
6	½ Neck Circum	17.75	0.75	18.5	0.75	19.25	0.75	20.5	0.75	21.25	0.5
7	½ Minimum Neck stretch	34	-	34	-	34	-	34	-	34	MIN
8	Neck Width	12.5	0.5	13	0.5	13.5	0.5	14	0.5	14.5	0.5
9	Shoulder Breadth	40	2	42	2	44	2	46	2	48	1
10	Back Width at ½ armhole	37	2	39	2	41	2	43	2	45	1
11	½ Armhole	20.5	1	21.5	1	22.5	1	23.5	1	24.5	0.5
12	½ Upper Arm 3cm down	15	0.5	15.5	0.5	16	0.5	16.5	0.5	17	0.5
13	½ Wrist	9.25	0.25	9.5	0.25	9.75	0.25	10	0.25	10.25	0.5
14	Cervical to Wrist (Raglan sleeve only)***	85	1.5	86.5	1.5	88	1.5	89.5	1.5	91	1
15	Shoulder Point to Wrist (Set in sleeve only)	64.5	0.5	65	0.5	65.5	0.5	66	0.5	66.5	1
16	Cervical Height	152	-	152	-	152	-	152	-	152	2
17	Cervical to Waist	44	-	44	-	44	-	44	-	44	1
18	Cervical to Hip	69	-	69	-	69	-	69	-	69	1
19	Waist Height ~ Outside leg to floor	108	-	108	-	108	-	108	-	108	+2/-1
20	½ Ankle	11.5	0.5	12	0.5	12.5	0.5	13	0.5	13.5	0.5
21	Waist to Knee	60	-	60	-	60	-	60	-	60	1
22	½ Knee	17	1	18	1	19	1	20	1	21	0.5
23	Total Crotch Length (Body)	70	2	72	2	74	2	76	2	78	1.5
24	Front Crotch Length	32	1	33	1	34	1	35	1	36	0.75
25	Back Crotch Length	38.5	1	39.5	1	40.5	1	41.5	1	42.5	0.75
26	In-Leg – Crotch Height	81	-	81	-	81	-	81	-	81	1
27	½ Vertical Trunk **	83.5	1.5	85	1.5	86.5	1.5	88	1.5	89.5	1

* Total height includes head ** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

3.8 BIG W – LARGER MEN’S

3XL / 24 – 7XL / 32

<i>Area of measurement</i>		Size 3XL / 24	Grade Rule	Size 4XL / 26	Grade Rule	Size 5XL / 28	Grade rule	Size 6XL / 30	Grade Rule	Size 7XL / 32	TOL +/-
<i>Based on total body height *</i>		180		180		180		180		180	
<i>To Fit CHEST</i>		115		120		125		130		135	
<i>To Fit WAIST</i>		105		110		115		120		125	
<i>To Fit HIP</i>		120		125		130		135		140	
1	½ Chest	57.5	2.5	60	2.5	62.5	2.5	65	2.5	67.5	1
2	½ Waist	52.5	2.5	55	2.5	57.5	2.5	60	2.5	62.5	1
3	½ Minimum Waist stretch	62.5	2.5	65	2.5	67.5	2.5	70	2.5	72.5	MIN
4	½ Hip - 25cm below waist	60	2.5	62.5	2.5	65	2.5	67.5	2.5	70	1
5	½ Thigh	34	1.5	35.5	1.5	37	1.5	38.5	1.5	40	1
6	½ Neck Circum	23	0.75	23.75	0.75	24.5	0.75	25.25	0.75	26	0.5
7	½ Minimum Neck stretch	34	-	34	-	34	-	34	-	34	MIN
8	Neck Width	15	0.5	15.5	0.5	16	0.5	16.5	0.5	17	0.5
9	Shoulder Breadth	49	1	50	1	51	1	52	1	53	1
10	Back Width at ½ armhole	47	1	48	1	49	1	50	1	51	1
11	½ Armhole	25.5	1	26.5	1	27.5	1	28.5	1	29.5	0.5
12	½ Upper Arm 3cm down	17	0.5	17.5	0.5	18	0.5	18.5	0.5	19	0.5
13	½ Wrist	10.25	0.5	10.75	0.5	11.25	0.5	11.75	0.5	12	0.5
14	Cervical to Wrist (Raglan sleeve only)***	88	0.5	88.5	0.5	89	0.5	89.5	0.5	90	1
15	Shoulder Point to Wrist (Set in sleeve only)	63.5	-	63.5	-	63.5	-	63.5	-	63.5	1
16	Cervical Height	152	-	152	-	152	-	152	-	152	2
17	Cervical to Waist/ High Hip	55	-	55	-	55	-	55	-	55	1
18	Cervical to Hip	70	-	70	-	70	-	70	-	70	1
19	Waist/High Hip Height ~ Outside leg to Floor	100	-	100	-	100	-	100	-	100	+2/-1
20	½ Ankle	13	0.5	13.5	0.5	14	0.5	14.5	0.5	15	0.5
21	Waist / High Hip to Knee	50	-	50	-	50	-	50	-	50	1
22	½ Knee	22	1	23	1	24	1	25	1	26	0.5
23	Total Crotch Length (Body)	80	2	82	2	84	2	86	2	88	1.5
24	Front Crotch Length	35	1	36	1	37	1	38	1	39	0.75
25	Back Crotch Length	45	1	46	1	47	1	48	1	49	0.75
26	In-Leg – Crotch Height	80	-	80	-	80	-	80	-	80	1
27	½ Vertical Trunk **	91	1.5	92.5	1.5	94	1.5	95.5	1.5	97	1

* Total height includes head

** Vertical Circumference is more than shown on Aus Std, but Nape to waist & Crotch length are correct to Aus Std.

*** Cannot be taken around fully bent Elbow

4 BIG W - APPAREL BODY SIZE MEASUREMENTS FOR LABELLING

To use this sizing guide

- Measurements stated on labels are the body size measurements (to fit) not the garment size.
- Select the correct size measurement by aligning the correct measurement to the product classification.
- Size measurements on labels must be approved by Big W Design as part of the labelling compliance policy.

4.1 SIZING CHARTS

MANDATORY SIZING CODE FOR SIZE LABELLING ON CHILDREN’S SLEEPWEAR – SIZES 00 - 16

AS 1182-1997 Size coding scheme for infants’ and children’s clothing – Underwear and outerwear is mandatory to AS/NZS 1249-2003 Children’s nightwear and limited daywear having reduced fire hazard.

4.1.1 Infants Body Measurements

Size code number	00000	0000	000	00	0	1	2
Mass (kg)	2	3	6	8	10	12	-
Height (cm)	50	56	62	68	76	84	92
Chest (cm)	-	-	-	-	-	-	56
Waist (cm)	-	-	-	-	-	-	54
Age in months	Prem	Newborn	3 months	6 months	12 - 18 months	18 - 24 months	2 – 2 1/2 years

Age is optional on infant’s labels

4.1.2 Children's Body Measurements in cm

Size code number	3	4	5	6	7
Height	100	108	115	120	125
Chest	58	60	62	64	66
Waist	55	56	57	58	59

4.1.3 Girls Body Measurements in cm

Size code number	8	9	10	11	12	14	16	18
Height	130	135	140	145	150	160	165	170
Chest	68	71	74	77	80	86	90	95
Waist	60	61	62	63	64	66	70	75

Note: The size code number shall be linked with the word 'girls' on the label.

4.1.4 Boys Body Measurements in cm

Size code number	8	9	10	11	12	14	16	18
Height	130	135	140	145	150	160	170	180
Chest	68	70	72	74	76	80	86	92
Waist	60	62	64	66	68	72	76	80

Note: The size code number shall be linked with the word 'boys' on the label

4.1.5 Ladies Body Measurements – BIG W - Underwear in cm

Size	8	10	12	14	16	18	20	22	24
Bust	75	80	85	90	95	100	105	110	115
Waist	55	60	65	70	75	80	85	90	95
Hip	80	85	90	95	100	105	110	115	120

4.1.6 Ladies Body Measurements Outerwear – Regular Multi Size (including underwear and sleepwear in cm

Size	<u>S</u>	<u>M</u>	<u>L</u>	<u>XL</u>
Bust	85-90	90-95	95-100	100-105
Waist	65-70	70-75	75-80	80-85
Hip	90-95	95-100	100-105	105-110

4.1.7 Ladies Body Measurements for Outerwear – Regular Size in cm

Size	8	10	12	14	16	18
Bust	85	90	95	100	105	110
Waist	65	70	75	80	85	90
Hip	90	95	100	105	110	115

4.1.8 Ladies Body Measurements for Outerwear – Larger Size in cm

Size	18	20	22	24	26
Bust	110	115	120	125	130
Waist	95	100	105	110	115
Hip	120	125	130	135	140

4.1.9 Men's Body Measurements – Underwear Multi Size in cm

Size	S	M	L	XL	XXL
Waist	75-80	85-90	95-100	105-110	115-120
Hip	90-95	100-105	110-115	120-125	130-135

4.1.10 Men's Body Measurements - Basic (Straight) Size in cm

Size	XS	S	M	L	XL	2XL
Chest	85	90	95	100	105	110
Waist	75	80	85	90	95	100
Hip	90	95	100	105	110	115
Collar Size	37	37/38	39/40	40/41	41/42	43

4.1.11 Men's Body Measurements – Larger (Straight) Size in cm

Size	3XL	4XL	5XL	6XL	7XL
Chest	115	120	125	130	135
Waist	105	110	115	120	125
Hip	120	125	130	135	140
Collar Size	44	45	46	47	48

4.1.12 Men's Regular Pants waist Sizing in cm

Size	77R	82R	87R	92R	97R	102R	107R	112R
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4.1.13 Men's Stout Fitting Pants waist sizing in cm

Size	87ST	92ST	97ST	102ST	107ST	112ST	117ST	122ST
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5 Apparel Construction Standards

5.1 General Make-up Requirements for seams and stitching

5.1.1 Seam Type

True Safety Stitch

- Minimum bite 1cm for heavy fabrics eg. Canvas, drill or gaberdine
- Minimum bite 7mm for lightweight fabrics eg. Cotton, viscose rayon

Over locked seams – Not used on Outer Wear

- Minimum bite 4mm on knitted – light weight under wear and baby wear
- Minimum bite 6mm for stress seams such as crotch seams

Mock safety Stitch – two-needle – 4 thread seams

- Minimum bite 4mm on light weight knitted fabrics (under 160gm²)
- Minimum bite 6mm on heavier knitted fabrics (over 160gm²)
- Minimum bite 6mm on woven fabrics – voiles and light weights (under 180gm²)

5.1.2 Sewing Thread

- All threads must be compatible with garment fabric for strength. Elasticity/shrinkage and colourfastness
- Needle thread – polyester / cotton or spun polyester thread
- Looper thread – as above or bulked nylon or bulked polyester
- All sewing threads must colour match fabric unless otherwise specified. In the case of prints or splicing, the thread must match the predominant colour – unless otherwise specified
- Matching needle thread with white over locking is not acceptable

5.1.3 Seam Finish

- Needle damage is unacceptable – needles must be sharp and free of burr
- Stitch density of 5–6 stitches per cm. All threads must be correctly adjusted to give a neat and balanced stitch formation. Seams must not 'grin'. Stitch must not crack when seams are stretched.

- Seam puckering is unacceptable. Sewing tension, machine feeds and operator technique must be correctly adjusted to avoid this problem.
- Where a seam is closed and is the last operation, eg. Closing the side underarm seam of an already hemmed sleeve, the seam must be secured by a bar tack, backstitching or back latching – as specified.
- All seams must align, at a junction, tolerance 3mm eg. Crotch or underarm seams.
- Pockets must be bar tacked or backstitched at the top and bottom of the pocket opening on woven garments
- All thread ends must be trimmed as close as possible to stitching. All loose threads are to be removed from the inside and the outside of the garment.
- On woven garments, all raw edges of fabric must be over locked.
- On knitted garments, if no tape is required in the shoulder seam, stitch density must be increased to 7-8 stitches per cm. If tape is used, ensure that the tape is pre-shrunk.
- All twin needle topstitching and hems must be done on a cover stitch machine only – plain sewing is unacceptable.

5.1.4 General Appearance

- Garments must be clean and free from oil, dirty marks and any other stains.
- Fabric faults including holes, weaving or knitting faults, print or dyeing errors are not acceptable.
- Colour shading between panels or trimmings within a garment unacceptable. Also, colours must be consistent throughout any order.
- Fabrics with nap, pile or one way print must have all panels within the garment cut one way. Also when coordinating items are involved, all garments must be cut the same way.
- Garments must not have open seams caused by running off or missed stitching.
- Garments must be completely dry after pressing and before packing.
- Infants Romper crotch fastening must be front over back – not back over front.

5.1.5 Labelling

- As per the Big W – Textiles & Labelling and Packaging Compliance Manuals and guidelines

5.1.6 Elastic attachment

- All stitching on elastics must be chain stitch on the back. No plain machine sewing is acceptable.
- Over locking stitch to garment waistline, folding the elastic into the garment and then multi needle the top, stitching the waistband down.
- Tunnel waist banding by enclosing the elastic with the waistband tunnel ensuring the elastic and tunnel width are compatible.
- Produce any of the above as a separate panel and finally attach to the garment.

5.1.7 Buttons

- To be matching in size, colour, design and position to initial sample unless otherwise specified.
- Metal buttons to be rust proofed, nickel free and smooth edged.
- Buttons must be colourfast under prescribed laundry and care instructions.
- Buttons to be attached using thread colour to match button unless otherwise specified for fashion.
- Buttons to be attached by automatic machine with a minimum of:
 - 8 stitches per 2 or 4 hole button
 - 12 stitches per shank button
- Hand sewn buttons are prohibited on infant's garments.
- All thread ends to be neatly trimmed.
- Buttons and buttonholes must be carefully aligned to prevent gaping and bowing.

5.1.8 Buttonholes

- Buttonholes to be stitched in matching colour thread to base fabric unless otherwise specified.
- Buttonholes to be clearly cut with all thread ends trimmed.
- Button size must be sufficient to allow buttons to pass through easily – cut to be approximately 3mm larger than button diameter.
- Stitch density to be minimum 20 stitches per 1cm of buttonhole. Minimum 3mm bite width.
- Lockstitch buttonholes must coincide with button size, to prevent bowing or gaping.
- All buttonholes must be backed and reinforced on fine or stretchy fabric

5.1.9 Accessories

- Any accessories must be securely attached and neatly finished, ensuring garment is not distorted or fabric damaged.
- All motifs, trims, embroideries and accessories must be colourfast and be of similar care to the garment specified care instruction.
- Metallic accessories are to be rust and tarnish proof, free from burrs and sharp edges.
- Ribbon trims must have bias cut ends and be heat-sealed to prevent fraying or turned over and stitched down.
- Stud components must be securely affixed together through all thicknesses of fabrics: ensuring fabric is not pleated or damaged. Garments from production must be tested and meet Big W - 8kg/f pull force requirements. Reports must be submitted to Big W QA for reference.
- The length of the stud prongs must be appropriate to the thickness of the fabric with the top and bottom components correctly aligned.
- Lace is to be neatly and securely attached with raw edges concealed.
- Any backing materials on embroidery motifs must be removed wherever possible or stitched down to secure and protect, depending on design, embroidery outer edge, handle of garment and overall appearance.

5.1.10 Cords and Drawstrings

- Cord ties are to colour match the garment as best as possible unless otherwise specified.
- Cords are to be neatly sealed, knotted or shoe stay ended, unless cord without run back is used.
- Cords must be secured with a bar tack stitch in a central place to prevent pulling through.
- Drawstring buttonholes are to be sized to fit cord width and cut vertically. Buttonholes may need an interface to prevent stretching and give a secure finish.
- Decorative stitching must be correctly tensioned to allow stretch.

5.1.11 Sizes

- All garments must be to Big W size specification and fall within the tolerances set out on the specification.

6 Appendix A - Minimum Safety Requirements for Apparel

The following table is a summary of minimum safety requirements drawn from AS/NZS standards and BIG W requirements. This table is to be used as a reference during testing and inspection processes.

Approximate age/Size Design Requirements	00000 - 2	3years - 7 years	8 years - 14 years	Adult	Specification requirements	Verification Method
Testing						
Nightwear requirements (including Children's Fire Labelling)	Children's nightwear standard AS/NZS 1249:2003			Standard manufacturing and approval processes apply	Compliance with AS/NZS 1249::2003 Children's nightwear and limited daywear having reduced fire hazard	Test reports issued by an approved testing facility – approved by BIG W QA prior to shipment of order
Swimwear - Hygiene	Hygiene Sticker - It is a BIG W requirement that all Girls (including infants) and Ladies swimwear have a hygiene sticker in the gusset area of swimsuits stating: 'HYGIENE PROTECTION – REMOVE ONLY AFTER PURCHASE'				BIG W Requirement	Big W QA Approval of sticker
Safety wear – Hi Visibility	AS/NZS 4602 High Visibility Safety Garments & AS/NZS1906.4:1997 (Part 4) High Visibility materials for safety garments + BIG W ST1 - 4.3 Apparel Textiles Standards and Test Method Care & Fibre Content Labelling Manual (Hi Vis Garments)				AS/NZS 4602 & 1906.4 High visibility safety garments & UPF Rating certificate	Test reports issued by an approved testing facility – approved by BIG W QA prior to shipment Of order. UPF 50+ for children – preferred is the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)
UPF requirements (sun protection wear) - when making UPF claims on labels etc	The BIG W Sun protective UPF rating Standard for children is 50+ The supplier must send a report / certificate to verify UPF claims or garments carry an 'ARPANSA UPF RATING' Australian Government authorisation ticket for children's styles such as rash vests, bike pants, hats and coveralls requiring 50+ sun protections. This is a BIG W requirement for children's safety.			Adults require a certificate if promoted.	AS/NZS 4399:1996 Sun protective clothing evaluation and classifications. Or 'ARPANSA UPF RATING' ticket	

Accessories, Trims and Attachments						
Approximate age/size Design Requirements	00000 – 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Appliqués, Embroideries <i>* if on Sleepwear refer to Nightwear requirements</i>	Must be securely attached without scratchy backing of threads or knots. Paper backing must be completely removed or covered by a fusible lining that must be attached at least into one seam to secure. Embroidery on infant's top foot of bootie or all-in-ones must be fully lined with self fabric. Fusible linings can not be used in the toe area due to break down of fibres after washing.	Must be securely attached without scratchy backing of threads or knots. Paper backing must be completely removed or covered by a fusible lining that must be attached at least into one seam to secure	Standard manufacturing and approval processes apply		BIG W Requirement for infants & children Safety: Bar tacked, caught into a seam or sewn around all parameters and covered with fusible lining or self lined	QA approval required prior to production. An initial sample or in panel form must be submitted to QA.
"Brooches" – Detachable Ornamentation - ornament with hinged pin and catch or safety pin and any embellishment with sharp edges or points	Prohibited due to small parts and/or sharp pin or points. Garments shall not contain ornaments which are intended to be detachable by means of a separate or an integral pin fastener and which constitute a potential ingestion/inhalation hazard	Requires a W1 caution warning. Packaging and attachment must be appropriate to avoid harm i.e. vacuum packed. The warning must be on a swing ticket or packaging attached to the item.	Standard manufacturing and approval processes apply		W1 – CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	QA & BIG W buyer to approve design
Buckles or slides & Metal Jean Buttons or Rivets with backing plate	Prohibited on infants if it does not pass due to removable small parts. Buckles & Slides must not have openings allowing easy removal. (no sharp edges or points) and must be restrained within a loop or strap/belt	Supplier to test - Tension test 80N for 10 seconds and be securely attached with components securely constructed. Buckles & Slides must be restrained within a loop or strap/belt If product fails test – size 3 must carry the W1 'small parts warning'	Must be restrained within a loop or strap/belt		W1 – CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	QA & Big W Buyer approval required prior to shipment

Approximate age/size Design Requirements	00000 – 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Buttons Plastic, Buttons Self-covered, Button Shanks and bows INFANTS *Buttons sewn on the inside of the garment against the skin	Must pass Pull force stud test 8kgpf (80N) and be securely attached not hand sewn on. Have a suitable weight of backing fabric to reinforce button/bow. *Buttons sewn on the inside of the garment against the skin can cause discomfort or injury.	Must be tested - Pull force stud test 8kgpf (80N) and be securely attached. Suitable weight of backing fabric to reinforce button. Buttons/bows must not be hand sewn on. If item fails the following caution applies. W1 –WARNING on size 3 if product fails test	Must be securely attached and must not be hand sewn on. BIG W manufacturing standards apply.		W1 – CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	QA approval required prior to shipment
Buttons resembling food; Decorative Buttons; Coconut, wood or shell buttons; Glass/plastic animal noses or eyes; Pompoms, Motifs, Sequins or decorative accessories; Beads	Must pass Pull force stud test 8kgpf (80N) and be securely attached. Suitable weight of backing fabric to reinforce button. Buttons must not be hand sewn on. Buttons resembling food are a high risk for infants and could cause choking.	Must be tested - Pull force stud test 8kgpf (80N) and be securely attached. Suitable weight of backing fabric to reinforce button. Buttons must not be hand sewn on. If item fails the following caution applies: * W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	Must be securely attached and must not be hand sewn on. BIG W manufacturing standards apply.		W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	Test reports issued by an approved testing facility or QA approval required prior to shipment
Eyelets	Must pass Pull force stud test 8kgpf (80N) and be securely attached. Suitable weight of backing fabric to reinforce Eyelet.	Must be tested - Pull force stud test 8kgpf (80N) and be securely attached. Suitable weight of backing fabric to reinforce Eyelet. . If item fails the following caution applies: * W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	BIG W manufacturing standards apply		W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years Eyelet prong length to be appropriate for fabric thickness used	QA approval required prior to shipment

Approximate age/size Design Requirements	00000 – 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Novelty accessories / holograms on garments (sounds or lights)	To be tested according to the print durability testing requirements with battery securely inserted – including small parts assessment. Can not be easily removed. * Prohibited on infants if does not pass small parts.	To be tested according to the print durability testing requirements with battery securely inserted – including small parts assessment. If item fails the following caution applies: * W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	BIG W manufacturing standards apply		W1 - CAUTION – This item Contains Small Parts – Not suitable for children under 3 years	Buyer & QA approval required prior to shipment
Ribbons, ropes, binding tapes, Velcro	Must be securely finished / attached. Ribbon & tape ends must be heat sealed, bar tacked or knotted. Velcro hook and pile must be soft with corners rounded or clipped	Must be securely finished / attached, Ribbon & tape ends must be heat sealed, bar tacked or knotted	Must be securely finished / attached, Ribbon & tape ends must be heat sealed, bar tacked or knotted		QA approval required prior to shipment	Buyer & QA approval required prior to shipment
Studs, Studs decorative * nailheads or diamante'	Studs must be attached using automatic stud machine, Must be tested during production and comply with the Big W Textiles stud testing procedure and meet 8kgpf – reports submitted to Big W QA prior to shipment * Prohibited if failed test	Studs must be attached using automatic stud machine, Must be tested during production and comply with the Big W Textiles stud testing procedure and meet 8kgpf – reports available to BIG W QA on request Decorative * * W1 Warning if failed test – no warning required if pass	BIG W manufacturing standards apply		Recommended use of PRYM studs. With appropriate prong length to compensate fabric thickness. Design level of inspection and frequency for different age groups	Test reports issued by an approved testing facility or QA approval required prior to shipment for infants wear.

Approximate age/size Design Requirements	00000 – 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Chinstraps of children's hats	Velcro fastening of a children's hat chinstrap is prohibited as the down slide of the Velcro requires more than 5kg to allow a 'Quick Release'. All fasteners must be on the upper side of the hat strap and the buckle/clip must be designed as a 'Quick Release' of 5kg weight.			N/A	Pull force test – for quick release at weight 5 kg. 'LANYARD' quick release devices are recommended	QA approval required prior to shipment
Ties/draw cords (at neck, waist, wrist and ankle) Other than Children's nightwear 000 – 14 years As/NZS 1249:2003 & New Zealand legislation. Maximum trim length of 10 cm applies.	Prohibited around the neck area. Cords at waist, wrist or ankle should be avoided for infants. All cords should be securely attached at a central point to prevent pull through. Mock ties are permitted no longer than 15cm each side.	Not to be longer than 20cm from point of protrusion, mock ties preferred in lieu of draw cord, ties in the hood, at neck or waist to be securely attached i.e. bar-tack. Tie fabric belts must be secured at one point. Queensland legislation: NO cords are allowed to be used on school wear garments if external. Internal cord – that is tied and positioned on the inside of the waist band is acceptable.	Not to be longer than 30cm from point of protrusion. Draw cord, ties in the hood, at neck or waist to be securely attached i.e. bar-tack at a centre point to prevent pull through.	No limit to length of cords. Draw cord, ties in the hood, at neck or waist to be securely attached i.e. bar-tack at a centre point to prevent pull through.	QA approval required prior to shipment	Buyer & QA approval required prior to shipment
Toggles Plastic, Metal Wood	Prohibited on infants clothing due to small parts and easy removal / breakage	Must be securely attached and pass Torque test 0.45N-M through 180 degrees and Tension test 80N for 10 seconds. Refer to QA to verify suitability of a toggle type W1 – CAUTION if fails small parts testing	Cord must be securely attached at both ends preventing toggle from falling off or pulled off		QA approval required prior to shipment	Buyer & QA approval required prior to shipment

Approximate age/size Design Requirements	00000 – 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Zips Metal, Plastic and zipper pull slides.	Plastic zips recommended. Must pass zip - Slide standard AS 2332-2003 Tables 2 & 3 Pull slides must pass the Pull force test 8kgpf (80N) small parts. * No channels for slide removal permitted – all zips including open end jacket zips must have side slide stopper.			Zip / slide standard As 2332-2003	Test reports issued by an approved testing facility or QA approval required prior to shipment of children's wear. As 2332-2003 & Big W Standards	Test reports issued by an approved testing facility or QA approval required prior to shipment for infants & children's wear

DESIGN						
Approximate age/size Design Requirements	00000 - 2	3 years – 7 years	8 years – 14 years	Adult	Specification Requirements	Verification Method
Design features as directed by fashion (elastic and fabric loops), Trims, labels.	Design loops large enough to go over a child's head are Prohibited Detail product specification outlining acceptable measurements, loose ties and loops at neck, waist and ankle are not recommended – child safety			Loose ties and loops at ankle are not recommended	Detail product specification outlining acceptable measurements, loose ties and loops at ankle not recommended	Buyer / QA Design approval required prior to shipment
Ease of dressing * if Sleepwear refer to Nightwear requirements	Must easily meet minimum standards for ease of dressing (i.e neck stretch minimums)				Detail product specification.	
Floating/ loose threads; loose or untrimmed threads in feet, hands and crotch.	Goods should not contain loose and or floating threads longer than 2.5 cm on the inside or outside of the article including the inside of the toe or finger area.	Goods should not contain loose and or floating threads longer than 2.5 cm on the inside or outside of the article		Manufacturer quality control		
Glitter	Verify design suitability for children	Standard manufacturing and approval processes apply		Buyer & QA Approval		

Hanger tapes	The maximum allowable opening for any hanger loop (end of tape) MUST NOT EXCEED more than 8cm. in circumference. Larger loops must be knotted at 4 cm intervals to create no more than an 8 cm circumference per loop size. A hanger tape warning is required – W2 - ‘Remove hanger tape before wear’ on a sticker around each tape and on the care instruction label. This includes children’s sleepwear.	Standard manufacturing and approval processes apply		Warning: W2 Infants to 7 years	
Head opening <i>Sleepwear refer to Nightwear requirements</i>	Designed with consideration to intended age of child to minimise harm or injury. Must meet minimum head stretch requirements.	Standard manufacturing and approval processes apply		Big W QA Design Approval	
Plastic adjustment on back of cap	Prohibited	Standard manufacturing and approval processes apply		Big W QA Design Approval	

Fabric/Yarn				
Approximate age/Size Design Requirements	00000 - 2	3years - 7 years	8 years - 14 years	Adult
Cotton face fleecy – brushed, polar fleecy (polyester) <i>** if Sleepwear refer to Nightwear requirements</i>	Standard manufacturing and approval processes apply * Must pass surface burn test if used for children;s sleepwear -			Standard manufacturing and approval processes apply
Foreign objects in natural fibres	Prohibited if exceeds "normal" degree of seeds that are left in the fabric when finished (i.e. in lambs wool)			

Harsh fabrics	Age intended must be taken into consideration when deciding fabric types	Standard manufacturing and approval processes apply		QA approval required prior to shipment
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Metallic thread in fabrics (against the skin)	Standard manufacturing and approval processes apply Design note: Lining or backing required on fabric exposed to skin, QA approval required
Monofilament thread	Prohibited

Fillings		
Beads wax, Polyester balls, Wax Beads	Fillings or foam should be inaccessible and seams with adequate allowance to be secure to encapsulate the filling	QA approval required prior to shipment
Foam, Polyester Fill	Standard manufacturing and approval processes apply	

Manufacturing Process				
Prints, Plastisol, Dyes, Finishes, additional chemicals or Nickel Components	Non AZO carcinogenic dyestuffs; Formaldehyde free or low; Free from heavy metals (Chrome dyes), and Phthalates. Nickel components must meet Nickel Leaching Restrictions		Clearly specify fabric/yarn dyes and finishing chemicals and any changes to the approved specifications. EU Nickel Leaching requirement - 0.5 ug/cm/week (test BSEN 1811)	Safety data sheets
Known irritants	Prohibited	Standard manufacturing and approval processes apply		
** Needle replacement (sewing or knitting needles)	Needle replacement policy must be implemented (Broken needle program) and approved by BIG W			
** Metal and needle detection (pins, staples, safety pins)	An approved metal and needle detection system compulsory for all garments	An approved metal and needle detection system optional if BIG W approved formal needle replacement policy a formal visual final inspection in place	* see note below	copy of the implemented process and records with each delivery

Promotions			
<ul style="list-style-type: none"> • Giveaways (watches, packs of stickers, key rings, key chains, wallets, pencil cases) • Hair Clips/Claps/Hair accessories • Necklaces, bracelets, jewellery • Toys 	<p>TOYS - If small parts - as per toy standard – NOT SUITABLE FOR CHILDREN 36 MONTHS AND UNDER – CONTAINS SMALL PARTS</p> <p>No Nickel or Lead content</p> <p>All Gift with purchase items must be marked GIFT WITH PURCHASE on the packaging</p>	<p>Warning: W5 (ref. Toy standard)</p> <p>Must pass Toy Standard, Must comply to Trade Measurement Act for marking pre-packed articles</p> <p>No Nickel or lead content</p>	<p>AS/NZS ISO 8124.1:2002 safety of Toys</p> <p>Test reports issued by an approved testing facility or QA approval required prior to shipment</p>
<p>Sunglasses</p>	<p>as per sunglasses standard or marked and tested as a 'TOY' if they are not ARPANSA approved</p> <p>All Gift with purchase items must be marked GIFT WITH PURCHASE on the packaging</p>	<p>Must pass Sunglasses Standard, Must comply to Trade Measurement Act for marking pre-packed articles</p>	
<p><i>** Formal visual inspection system should be statistically reliable and should be supported by a " Broken needle program" and replacement needle register at your suppliers place of manufacture. This sample system is internally developed and documented by the supplier and requires all parts of a broken needle to be accounted for prior to production supervisors issuing a machinist with a replacement needle.</i></p>			
<p>Warnings: FONT HEIGHT FOR ALL WARNINGS MUST NOT BE LESS THAN 3 MM</p> <p>W1 - CAUTION: This item contains small parts – Not suitable for children under 3 years</p> <p>W2 - WARNING: Remove hanger tape from garment before use</p> <p>W3 - WARNING: WARNING - TO AVOID DANGER OF SUFFOCATION TO BABIES AND CHILDREN DISPOSE OF THIS BAG IMMEDIATELY</p> <p>W4 - WARNING: REMOVE STICKER FROM GARMENT BEFORE USE</p> <p>W5 - WARNING: NOT SUITABLE FOR CHILDREN 36 MONTHS AND UNDER – CONTAINS SMALL PARTS (on TOYS including Gift with purchase Toys)</p>			

PACKAGING					
Approximate age/size Design Requirements	00000 - 2	3 years – 7 years	8 years – 14 years	Adult	Specification requirements
Flexible plastic bags for pre-packaged items	<p>Require perforations or a warning - if packaging is in the form of a flexible plastic bag or wrapping which when removed from the package is capable of being formed into a bag which has or is capable of having an opening with circumference of 350mm or more and a depth of 130mm or more, both dimensions being measured after packaging has been stretched to its fullest extent.</p> <p>Flexible plastic bags that have a nominal thickness 0.038 mm or less and without perforations shall carry a legible cautionary label: W3 - WARNING – TO AVOID DANGER OF SUFFOCATION TO BABIES AND CHILDREN DISPOSE OF THIS BAG IMMEDIATELY</p>			<p>WARNING: W3</p>	<p>QA packaging approval required prior to shipment</p>
Re-cycle logos on Flexible plastic bags for pre-packaged items	<p>Flexible Plastics such as PVC bags used for Apparel/Manchester or PP5 for shrink wrap around a carton DOES NOT need to be identified neither on the plastic nor on any cardboard insert within the packaging. Australia does not have any facilities to sort or collect flexible film, Therefore we do not want to mislead our consumers with Plastics Identification codes on items that will become landfill.</p>				
Stickers (light weight, see through, easily removable)	<p>Prohibited if under 5cm in width or breadth All Stickers must carry a W4 warning.</p> <p>Approved due to length - the Match it fleece / cube sticker width 3.5cm x Length 20cm</p>	<p>Stickers under 5 cm in width and breadth must carry a W4 warning</p> <p>Approved due to length - the Match it fleece / cube sticker width 3.5cm x Length 20cm</p>	<p>BIG W manufacturing standards apply</p>		<p>QA approval required prior to shipment</p>



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