



# BELT STATIC REPORT

Doc NO. : PIX.QAD.IV.105

ISSUE : V/B

DATE : 15.09.2019

**TYPE OF BELT** : WRAP BELT

**SECTION SIZE** : A-Section

Parameters	Specification	PIX-X'SET A 51/13 X 1300 Li	ENDURA HI TECH CORE A 1320 Ld *PRESET*	A 51 13 X 1300 Li A 1330 Ld 2418 pp	POWER SPA CL A 51 13 X 1295 Li / 1325 Ld 05032018 8 A 16	Remarks
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### 1) Dimensional Properties

1	Topwidth(mm)	12.0-13.5	12.75 - 13.00	12.75 - 13.08	12.29 - 12.36	12.40 - 12.62	OK
2	Thickness (mm)	7.5-9.0	8.50 -8.86	8.86 - 9.02	8.48 - 8.69	8.46 - 8.68	OK

### 2) Tensile & Adhesion Properties

Parameters	Specification	1	2	Avg.	1	2	Avg.	1	2	Avg.	1	2	Avg.	Remarks	
1	Tensile strength (KN)	MIN. 2.94	4.9	5.5	5.20	5.0	5.1	5.05	4.55	4.95	4.75	4.80	5	4.90	OK
2	Elongation at break (%)	MAX. 15.0	9.5	10.0	9.75	11.5	12.5	12.00	9.5	9.5	9.50	10.00	10.00	10.00	OK
3	Fabric - Cushion Adhesion (N/10 mm)	Min.. 15.0	23.5	22.9	23.18	25.62	27.81	26.72	30.6	31.43	31.02	40.21	45.75	42.98	OK
4	Cord - Cushion Adhesion (N/CORD)	Min.. 25.0	36.86	37.53	37.20	38.31	39.83	39.07	20.52	21.6	21.06	42.18	40.34	41.26	Adhesion found lower in without branding belt
5	Antistatic (MΩ)	Max. 3.6 MΩ	0.06	0.06	0.06	0.48	0.48	0.48	0.01	0.01	0.01	1.08	1.10	1.09	OK

### 3) Material Properties

1	Hardness (Shore-A)	-	81-82	80-81	80-81	79-80	Hardness found comparable.
2	Compound	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	OK

Prepared By:- Sanjay Dongre

Reviewed By :-Vinod Deulkar

Approved By:- Pankaj Funde



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<b>TYPE OF BELT</b>	: WRAP BELT
<b>SECTION SIZE</b>	: B

Parameters	Specification	PIX-X'SET B 82/17 X 2083 Li SG z	B 82/17x2090 Li B 2130 Ld 3718 pp	ENDURA Hi Tech Core B 2120 Ld	Contitech Power Spa CL B 82 17 x 2085 Li 2130 Ld 15042019 W 21	Remarks
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### 1) Dimensional Properties

1	Topwidth(mm)	15.50-17.0	15.97-16.17	15.73 - 15.90	16.53 -16.76	15.84 - 16.17	OK
2	Thickness (mm)	10.5-12.0	11.20 - 11.47	11.46 - 11.62	11.39 -11.64	10.86 -11.10	OK

### 2) Tensile & Adhesion Properties

Parameters		Specification	1	2	Avg.	1	2	Avg.	1	2	Avg.	1	2	Avg.	Remarks
1	Tensile strength (KN)	MIN. 4.17	7.10	7.10	7.10	5.90	5.95	5.93	6.60	7.2	6.90	6.20	6.8	6.50	OK
2	Elongation at break ( % )	MAX. 15.0	10.00	10.50	10.25	9.00	10.00	9.50	12.00	12.50	12.25	9.00	10.00	9.50	OK
3	Fabric -Fabric Adhesion (N/10 mm)	MIN.15.0	24.92	26.55	25.74	SINGLE FABRIC		NA	30.71	31.05	30.88	SINGLE FABRIC		NA	OK
4	Fabric - Cushion Adhesion (N/10 mm)	MIN.15.0	25.07	27.32	26.20	Fabric tear		--	30.16	31.48	30.82	24.18	27.52	25.85	OK
5	Cord - Cushion Adhesion (N/CORD)	MIN.30.0	44.85	46.16	45.51	Fabric tear		--	30.39	36.54	33.47	40.71	47.38	44.05	OK

### 3) Material Properties

1	Hardness (Shore-A)	-	78-79	80-81	81-82	79-80	Hardness found comparable.
2	Compound	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	OK

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**TYPE OF BELT** : WRAP BELT  
**SECTION SIZE** : C

Parameters	Specification	PIX-X*SET C 76/ 22 x 1930 Li SH s	Contitech POWER SPA CL C 76 22 X 1931 Li/ 1990 Ld 15042019 8 P25	C 76 22 X 1932 Li c 1990 Ld 723750	ENDURA HI TECH CORE C 2000 Ld *PRESET*	Remarks
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### 1) Dimensional Properties

1	Topwidth(mm)	20.5-22.0	20.60 -21.081	20.87 -21.07	20.56 -20.83	21.72-22.07	OK
2	Thickness (mm)	13.5-15.0	14.40-14.80	13.91-14.48	14.03 - 14.50	14.24 - 14.39	OK

### 2) Tensile & Adhesion Properties

Parameters		Specification	1	2	Avg.	1	2	Avg.	1	2	Avg.	1	2	Avg.	Remarks
1	Tensile strength (KN)	MIN. 7.85	13.3	-	13.30	11.50	-	11.50	13.0	-	13.00	12.80	-	12.80	OK
2	Elongation at break (%)	MAX. 15.0	11.0	-	11.00	10.00	-	10.00	11.0	-	11.00	13.50	-	13.50	OK
3	Fabric -Fabric Adhesion (N/10 mm)	Min.. 15.0	28.01	29.46	28.74	24.27	26.91	25.59	SINGLE FABRIC		--	29.55	28.46	29.01	OK
4	Fabric - Cushion Adhesion (N/10 mm)	Min.. 15.0	29.15	31.22	30.19	51.31	56.3	53.81	27.80	28.65	28.23	33.96	37.74	35.85	OK
5	Cord - Cushion Adhesion (N/CORD)	Min.. 40.0	57.77	59.91	58.84	38.18	41.24	39.71	64.14	68.12	66.13	34.28	41.66	37.97	OK

### 3) Material Properties

1	Hardness (Shore-A)	-	72-73	80-81	73-75	81-82	Hardness found comparable.
2	Compound	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	OK

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<b>TYPE OF BELT</b>	: WRAP BELT
<b>SECTION SIZE</b>	: SPA

Parameters	Specification	PIX-X'SET SPA 1157	SPA 1157 5018pp(UNISET MATCH)	Contitech POWER SPA CL SPA 1157 15042019 8 V27	ENDURA HI TECH CORE SPA 1157 *PRESET *	Remarks
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### 1) Dimensional Properties

1	Topwidth(mm)	12.0-13.5	13.06 -13.34	12.50 -12.57	12.26 -12.28	12.48 - 12.56	OK
2	Thickness (mm)	9.5-11.0	10.91 -10.96	10.56 -10.63	10.33 - 10.38	9.64 -9.71	OK

### 2) Tensile & Adhesion Properties

Parameters		Specification	1	2	Avg.	1	2	Avg.	1	2	Avg.	1	2	Avg.	Remarks
1	Tensile strength (KN)	MIN. 2.94	6.25	6.45	6.35	3.55	4.2	3.88	4.7	5.5	5.10	3.90	4.6	4.25	OK
2	Elongation at break (%)	MAX. 15.0	11.0	12.5	11.75	8.0	8.0	8.00	11.5	12	11.75	11.00	13.00	12.00	OK
3	Fabric -Fabric Adhesion (N/10 mm)	Min.. 15.0	24.36	23.37	23.87	SINGLE FABRIC		NA	SINGLE FABRIC		NA	32.81	35.68	34.25	OK
4	Fabric - Cushion Adhesion (N/10 mm)	Min.. 15.0	25.98	27.88	26.93	29.06	31.16	30.11	46.4	42.46	44.43	29.64	38.23	33.94	OK
5	Cord - Cushion Adhesion (N/CORD)	Min.. 25.0	41.4	42.87	42.14	34.61	36.28	35.45	58.79	61.63	60.21	47.79	52.07	49.93	OK

### 3) Material Properties

1	Hardness (Shore-A)	-	79-80	77-78	82-83	81-82	Hardness found comparable.
2	Compound	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	OK

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<b>TYPE OF BELT</b>	: WRAP BELT
<b>SECTION SIZE</b>	: SPC

Parameters	Specification	PIX-X'SET SPC 3750 SH I	ENDURA HI TECH CORE SPC 3750 (PRESET)	SPC 3750 (UNISET MATCH)	POWER SPA CONTITECH SPC 3750	Remarks
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### 1) Dimensional Properties

1	Topwidth(mm)	21.0-22.5	21.64 - 22.08	21.45 -21.85	20.37 - 21.80	21.83 - 22.48	OK
2	Thickness (mm)	17.5-19.0	18.03 - 18.32	18.43 - 18.80	18.15 - 18.60	17.82 - 18.08	OK

### 2) Tensile & Adhesion Properties

Parameters	Specification	1	2	Avg.	1	2	Avg.	1	2	Avg.	1	2	Avg.	Remarks	
1	Tensile strength (KN)	MIN. 7.85	14.30	-	14.30	14.70	-	14.70	12.90	-	12.90	15.10	-	15.10	OK
2	Elongation at break (%)	MAX. 15.0	10.50	-	10.50	11.50	-	11.50	11.00	-	11.00	11.50	-	11.50	OK
3	Fabric -Fabric Adhesion (N/10 mm)	Min.. 15.0	33.21	34.7	33.96	40.21	41.68	40.95	34.89	35.03	34.96	24.96	25.61	25.29	OK
4	Fabric - Cushion Adhesion (N/10 mm)	Min.. 15.0	26.76	29.73	28.25	33.91	35.05	34.48	32.5	34.22	33.36	40.50	41.26	40.88	OK
5	Cord - Cushion Adhesion (N/CORD)	Min.. 40.0	47.57	49.13	48.35	52.18	56.32	54.25	63.82	64.92	64.37	42.75	51.28	47.02	OK

### 3) Material Properties

1	Hardness (Shore-A)	-	78-79	83-84	78-79	78-79	Hardness found comparable.
2	Compound	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	OK

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