

## CONVEYOR BELT DATA SHEET

Specification

**PN300/ 2Ply 3 x 1.5**

Fabric

Polyester Nylon

Number of Plies

2

Minimum Full Belt Strength

300Kn/M

Recommended Working Tension

30Kn/M

Elastic Modulus

2400Kn

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

250

200

160

60% - 80% of allowable tension

200

160

125

30% - 60% of allowable tension

160

160

125

Top Cover Thickness

3mm

Bottom Cover Thickness

1.5mm

Skim Rubber Gauge

0.6 to 0.65mm

Belt Weight

8.04Kgm°

Cover Rubber Grade

N

Max Belt Surface Temperature

80 °C

Rubber Tensile Strength

2.5MPa

Elongation @ Break (min)

450%

Abrasion Loss

110m<sup>3</sup>

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**

## CONVEYOR BELT DATA SHEET

Specification

**PN450/ 3Ply 5 x 1.5**

Fabric

Polyester Nylon

Number of Plies

3

Minimum Full Belt Strength

450Kn/M

Recommended Working Tension

45Kn/M

Elastic Modulus

3000Kn

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

400

315

250

60% - 80% of allowable tension

315

250

200

30% - 60% of allowable tension

250

250

200

Top Cover Thickness

5mm

Bottom Cover Thickness

1.5mm

Skim Rubber Gauge

0.5mm

Belt Weight

11.20Kg/m<sup>2</sup>

Cover Rubber Grade

M

Max Belt Surface Temperature

80 °C

Rubber Tensile Strength

25MPa

Elongation @ Break (min)

450%

Abrasion Loss

100m<sup>3</sup>

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**

## CONVEYOR BELT DATA SHEET

Specification

**PN450/ 3Ply 3 x 1.5**

Fabric

Polyester Nylon

Number of Plies

3

Minimum Full Belt Strength

450Kn/M

Recommended Working Tension

45Kn/M

Elastic Modulus

3000Kn

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

300

250

210

60% - 80% of allowable tension

250

210

175

30% - 60% of allowable tension

210

210

175

Top Cover Thickness

3mm

Bottom Cover Thickness

1.5mm

Skim Rubber Gauge

0.5mm

Belt Weight

10.00Kg/m<sup>°</sup>

Cover Rubber Grade

M

Max Belt Surface Temperature

80 °C

Rubber Tensile Strength

24MPa

Elongation @ Break (min)

450%

Abrasion Loss

120m<sup>3</sup>

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**

## CONVEYOR BELT DATA SHEET

Specification

**PN450/ 3Ply 5 x 1.5 High Temp Nitrile**

Fabric

Polyester Nylon

Number of Plies

3

Minimum Full Belt Strength

450Kn/M

Recommended Working Tension

45Kn/M

Elastic Modulus

3000Kn

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

400

315

250

60% - 80% of allowable tension

315

200

200

30% - 60% of allowable tension

250

200

200

Top Cover Thickness

5mm

Bottom Cover Thickness

1.5mm

Skim Rubber Gauge

0.5mm

Belt Weight

11.25Kg m<sup>2</sup>

Cover Rubber Grade

H.R/O.R

Max Belt Surface Temperature

150 °C - Peak 175 °C

Rubber Tensile Strength

12MPA

Elongation @ Break (min)

400%

Abrasion Loss

150m<sup>3</sup>

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**

## CONVEYOR BELT DATA SHEET

Specification

**PN450/ 3Ply 5 x Bare MOR T/King**

Fabric

Polyester Nylon

Number of Plies

3

Minimum Full Belt Strength

450Kn/M

Recommended Working Tension

45Kn/M

Elastic Modulus

3000Kn

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

400

315

250

60% - 80% of allowable tension

315

200

200

30% - 60% of allowable tension

250

200

200

Top Cover Thickness

5mm

Bottom Cover Thickness

Bare

Skim Rubber Gauge

0.55mm

Belt Weight

11.00Kg/m<sup>2</sup>

Cover Rubber Grade

O.R

Max Belt Surface Temperature

80 °C

Rubber Tensile Strength

25MPa

Elongation @ Break (min)

450%

Abrasion Loss

## CONVEYOR BELT DATA SHEET

Specification

**PN600/ 4Ply 6 x 2**

Fabric

Polyester Nylon

Number of Plies

4

Minimum Full Belt Strength

600Kn/M

Recommended Working Tension

60Kn/M

Elastic Modulus

4000K/n

Minimum Pulley Diameters

**DRIVE**

**TAIL**

**SNUB**

80% - 100% of allowable tension

500

400

315

60% - 80% of allowable tension

400

315

250

30% - 60% of allowable tension

315

315

250

Top Cover Thickness

6mm

Bottom Cover Thickness

2mm

Skim Rubber Gauge

0.5mm

Belt Weight

14.50Kg/m<sup>2</sup>

Cover Rubber Grade

M

Max Belt Surface Temperature

80 °C

Rubber Tensile Strength

25MPa

Elongation @ Break (min)

450%

Abrasion Loss

100m<sup>3</sup>

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**

## CONVEYOR BELT DATA SHEET

Specification	<b>PN800/ 4Ply 8 x 2</b>		
Fabric	Polyester Nylon		
Number of Plies	4		
Minimum Full Belt Strength	800Kn/M		
Recommended Working Tension	90Kn/M		
Elastic Modulus	5300Kn		
Minimum Pulley Diameters	<b>DRIVE</b>	<b>TAIL</b>	<b>SNUB</b>
80% - 100% of allowable tension	630	500	400
60% - 80% of allowable tension	500	400	315
30% - 60% of allowable tension	400	400	315
Top Cover Thickness	8mm		
Bottom Cover Thickness	2mm		
Skim Rubber Gauge	0.5 to 0.55mm		
Belt Weight	17.1Kg/m		
Cover Rubber Grade	M		
Max Belt Surface Temperature	80 °C		
Rubber Tensile Strength	25MPa		
Elongation @ Break (min)	450%		
Abrasion Loss	100m <sup>3</sup>		

**MANUFACTURED TO AUSTRALIAN STANDARD AS1332-2000**