

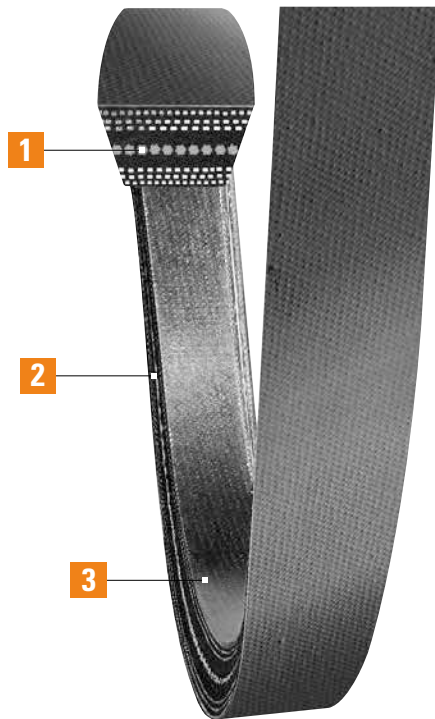
Durapower® II Raw Edge FHP Belt

Light Duty Fractional Horsepower Belt



Durapower[®] II Raw Edge FHP Belt

Light Duty Fractional Horsepower Belt



1 Load Carrying Section

High modulus polyester cords are specially treated to carry loads without stretching. Lower cord placement reduces stress when used with backside idlers.

2 Raw Edge Sidewalls

Performance-proven to grip pulley grooves better than wrapped type belts, to minimize belt slip, noise and drive vibration.

3 Compression Section

Specially formulated rubber compounds located between the cushion stock and compression fabric support cords evenly and resist flex fatigue. Also provides superior resistance to oil, grease, dirt and ozone.

Recommended Pulleys:
FHP – Bore-to-Size, MST (AK, BK)

Energy efficient

Reduces maintenance and downtime

Assures smoother, quieter operation with less vibration

Lengthens belt life and improves system-wide performance

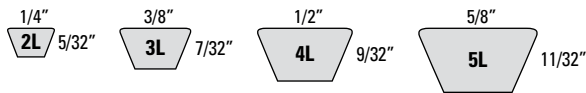
Applications:

HVAC
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Light Duty Belts

Durapower® II Raw Edge FHP Belt

Light Duty Fractional Horsepower Belt

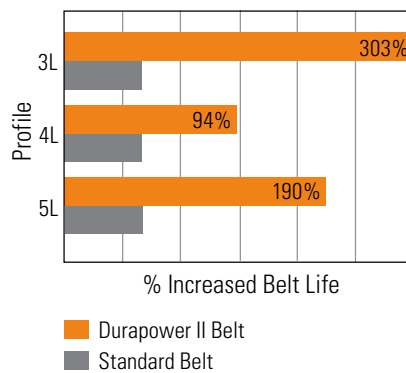


The Carlisle® Durapower® II by Timken is a competitively priced Raw Edge v-belt that provides value added benefits – superior performance and efficiency.

Durapower® II's strength and lasting power can be attributed to Timken engineers and their ability to successfully combine the advantages of Raw Edge technology with the unique CNA belt building process. Centralized Neutral Axis (CNA) refers to the placement of cords in the middle of the belt's cross section. This lower-than-normal cord placement gives the belt greater flexibility and keeps it stable in the pulleys on high shock load applications. To further assure top performance, Durapower II utilizes fiber-loaded rubber called stiff-flex – a compound previously found only in higher priced premium belts.

By combining Raw Edge belt sidewalls, CNA cord placement and construction using specially formulated rubber, Timken offers Durapower II – an economically proven v-belt with value added benefits unequaled at any price in light duty v-belts.

Belt Life Comparison



Durapower® II Raw Edge FHP Belt

Light Duty Fractional Horsepower Belt

Durapower® II FHP Belt Part Numbers

Part Number Example: **4L200R** = **4L** **200** **R**
Cross Section Outside Circumference (inches in tenths: 20.0) Raw Edge Construction

Part Number	Outside Circumference (in)	Weight (lbs)
2L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
2L110R	11.0	0.02
2L140R	14.0	0.03
2L150R	15.0	0.03
2L160R*	16.0	0.03
2L200R	20.0	0.04
2L230R*	23.0	0.05
2L250R	25.0	0.05
2L360R*	36.0	0.07
3L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
3L150†	15.0	0.05
3L160†	16.0	0.05
3L170†	17.0	0.05
3L180†	18.0	0.06
3L190R	19.0	0.06
3L200R	20.0	0.07
3L210R	21.0	0.07
3L220R	22.0	0.07
3L230R	23.0	0.08
3L240R	24.0	0.08
3L250R	25.0	0.08
3L260R	26.0	0.09
3L270R	27.0	0.09
3L280R	28.0	0.09
3L290R	29.0	0.10
3L300R	30.0	0.10
3L310R	31.0	0.11
3L320R	32.0	0.11
3L330R	33.0	0.11
3L340R	34.0	0.12
3L350R	35.0	0.12
3L360R	36.0	0.12

Part Number	Outside Circumference (in)	Weight (lbs)
3L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
3L370R	37.0	0.13
3L380R	38.0	0.13
3L390R	39.0	0.13
3L400R	40.0	0.14
3L410R	41.0	0.14
3L420R	42.0	0.14
3L430R	43.0	0.15
3L440R	44.0	0.15
3L450R	45.0	0.15
3L460R	46.0	0.16
3L470R	47.0	0.16
3L480R	48.0	0.16
3L490R	49.0	0.17
3L500R	50.0	0.17
3L510R	51.0	0.17
3L520R*	52.0	0.18
3L530R	53.0	0.18
3L540R*	54.0	0.18
3L550R*	55.0	0.19
3L560R	56.0	0.19
3L570R	57.0	0.19
3L580R*	58.0	0.20
3L590R*	59.0	0.20
3L600R	60.0	0.21
3L610R*	61.0	0.21
3L620R*	62.0	0.21
3L630R*	63.0	0.22
3L670R*	67.0	0.23
3L690R*	69.0	0.24
3L710R*	71.0	0.24
3L740R*	74.0	0.25
3L750R*	75.0	0.26

Light Duty Belts

Durapower® II Raw Edge FHP Belt

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Durapower® II FHP Belt Part Numbers

Part Number	Outside Circumference (in)	Weight (lbs)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
4L160*†	16.0	0.08
4L170†	17.0	0.09
4L180†	18.0	0.09
4L190R	19.0	0.11
4L200R	20.0	0.11
4L210R	21.0	0.12
4L220R	22.0	0.12
4L230R	23.0	0.13
4L240R	24.0	0.14
4L250R	25.0	0.14
4L260R	26.0	0.15
4L270R	27.0	0.15
4L280R	28.0	0.16
4L290R	29.0	0.16
4L300R	30.0	0.17
4L305R*	30.5	0.17
4L310R	31.0	0.18
4L315R*	31.5	0.18
4L320R	32.0	0.18
4L330R	33.0	0.19
4L340R	34.0	0.19
4L350R	35.0	0.20
4L360R	36.0	0.21
4L370R	37.0	0.21
4L380R	38.0	0.22
4L390R	39.0	0.22
4L400R	40.0	0.23
4L410R	41.0	0.23
4L420R	42.0	0.24
4L430R	43.0	0.25
4L440R	44.0	0.25
4L450R	45.0	0.26
4L460R	46.0	0.26

Part Number	Outside Circumference (in)	Weight (lbs)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
4L470R	47.0	0.27
4L480R	48.0	0.27
4L490R	49.0	0.28
4L500R	50.0	0.29
4L510R	51.0	0.29
4L515R*	51.0	0.30
4L520R	52.0	0.30
4L530R	53.0	0.30
4L540R	54.0	0.31
4L550R	55.0	0.32
4L560R	56.0	0.32
4L570R	57.0	0.33
4L580R	58.0	0.33
4L590R	59.0	0.34
4L600R	60.0	0.35
4L610R	61.0	0.35
4L620R	62.0	0.36
4L630R	63.0	0.36
4L640R	64.0	0.37
4L650R	65.0	0.38
4L660R	66.0	0.38
4L670R	67.0	0.39
4L680R	68.0	0.39
4L690R	69.0	0.40
4L700R	70.0	0.40
4L710R	71.0	0.41
4L720R	72.0	0.41
4L730R*	73.0	0.42
4L740R	74.0	0.42
4L750R*	75.0	0.43
4L760R*	76.0	0.44
4L770R	77.0	0.44
4L780R*	78.0	0.45

Durapower® II Raw Edge FHP Belt

Light Duty Fractional Horsepower Belt

Part Number Example: **5L460R** = **5L** **460** **R**
Cross Section Outside Circumference (inches in tenths: 46.0) Raw Edge Construction

Part Number	Outside Circumference (in)	Weight (lbs)
4L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
4L790R	79.0	0.45
4L800R*	80.0	0.46
4L810R	81.0	0.46
4L820R*	82.0	0.47
4L830R*	83.0	0.48
4L840R*	84.0	0.48
4L850R*	85.0	0.49
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
5L230R	23.0	0.20
5L240R	24.0	0.21
5L250R	25.0	0.22
5L260R	26.0	0.22
5L270R	27.0	0.23
5L280R	28.0	0.24
5L290R	29.0	0.25
5L300R	30.0	0.26
5L310R	31.0	0.27
5L320R	32.0	0.28
5L330R	33.0	0.29
5L340R	34.0	0.29
5L350R	35.0	0.31
5L360R	36.0	0.31
5L370R	37.0	0.32
5L380R	38.0	0.33
5L390R	39.0	0.34
5L400R	40.0	0.35
5L410R	41.0	0.36
5L420R	42.0	0.37
5L430R	43.0	0.38
5L440R	44.0	0.39
5L450R	45.0	0.39
5L460R	46.0	0.40

Part Number	Outside Circumference (in)	Weight (lbs)
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
5L470R	47.0	0.41
5L480R	48.0	0.42
5L490R	49.0	0.43
5L500R	50.0	0.44
5L510R	51.0	0.45
5L520R	52.0	0.46
5L530R	53.0	0.47
5L540R	54.0	0.48
5L550R	55.0	0.48
5L560R	56.0	0.49
5L570R	57.0	0.50
5L580R	58.0	0.51
5L590R	59.0	0.52
5L600R	60.0	0.53
5L610R	61.0	0.54
5L620R	62.0	0.55
5L630R	63.0	0.56
5L640R*	64.0	0.57
5L650R	65.0	0.57
5L660R	66.0	0.58
5L670R	67.0	0.59
5L680R	68.0	0.60
5L690R	69.0	0.61
5L700R	70.0	0.62
5L710R	71.0	0.63
5L720R*	72.0	0.61
5L730R	73.0	0.62
5L740R*	74.0	0.63
5L750R*	75.0	0.64
5L760R*	76.0	0.65
5L770R*	77.0	0.66
5L780R	78.0	0.69
5L790R*	79.0	0.70

Light Duty Belts

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Durapower® II FHP Belt Part Numbers

Part Number	Outside Circumference (in)	Weight (lbs)
5L Section Recommended Pulleys: FHP – Bore-to-Size, MST (AK, BK)		
5L800R*	80.0	0.71
5L810R*	81.0	0.69
5L820R*	82.0	0.70
5L830R*	83.0	0.74
5L840R*	84.0	0.75
5L850R*	85.0	0.75

* Non-stock item. Minimum order quantity and/or extended lead times may apply. Contact customer service for availability.

† Available in wrapped construction only.

