# Covering the Spectrum

of General Purpose Conveying



## Moving ahead with a multitude of choices.

For a variety of light and medium duty applications, Lightweight Conveyor Belts from Goodyear Engineered Products offer a broad range of choices for general purpose conveying. Goodyear has just the right belts for a multitude of applications, including grocery store check-out counters, warehouse and distribution environments, small parts conveying, light duty inspection lines and electronic vision detection systems.

Goodyear's general purpose belts are available in three unique constructions – Multi-Plied Spun Polyester, Multi-Plied Monofilament and Single-Plied Interwoven. All of Goodyear Lightweight Belts feature HPC<sup>™</sup> technology, a homogenous plied construction process that provides excellent resistance to edge wear and better tracking for longer lasting belts.

A variety of cover profiles are available that work well in various general purpose applications. For situations where aesthetic appeal is as important as performance, a variety of color options are available. For all of your general purpose conveying needs, Goodyear Lightweight Conveyor Belts have you covered. Call 1-888-LWT-BELT for more information.

#### Constructions

#### Multi-Plied Spun Polyester Construction

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- · Superior tracking in both directions
- · Resistance to edge wicking and curling
- Exceptional splicing capabilities

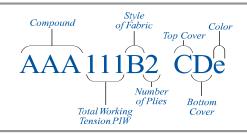
#### **Multi-Plied Monofilament**

- Covers a wide range of precision applications
- Transversely rigid, HPC construction permits the use of low energy drives and small pulley diameters in high-speed conveying conditions
- Unique fabric design offers edge wear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction

#### Single-Plied Interwoven

- High-quality polyester warp yarns are woven and bound together with the weft yarns
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

#### Goodyear Lightweight Belt Coding System



### Check-Out Counter Belt

## Check into the reliability of check-out counter belts

- · Static dissipative belt keeps charge out of products being conveyed
- Unique manufacturing process provides an exceptionally smooth top cover
- Innovative HPC<sup>™</sup>-constructed multi-plied monofilament carcass provides:
  - excellent transverse rigidity
  - the use of low energy drives and small pulley diameters in high-speed conveying conditions
  - finger-over-finger splicing capabilities for a more flexible and longer lasting splice

| Description  | Plies | Working Tension |      | Approx. OAG Weight |     | COF         | Pulley Dia. |           | Temp. |    |        |       |
|--------------|-------|-----------------|------|--------------------|-----|-------------|-------------|-----------|-------|----|--------|-------|
|              |       | Lbs/in.         | KN/m | in.                | mm  | Lbs./Sq.ft. | Kg/Sq.m     | (approx.) | In.   | mm | °F     | °C    |
| PVA 60MP NLb | 2     | 60              | 11   | 0.075              | 1.9 | 0.47        | 2.3         | 0.20      | 1.0   | 25 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description  | Splicing Methods   | <b>Recommended Fasteners**</b> |           |        |  |  |  |  |  |
|--|--|--------------------------------|-----------|--------|--|--|--|--|--|
|  |  | Clipper                        | Alligator | Staple |  |  |  |  |  |
| PVA 60MP NLb   | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 25 or<br>UCM365LSP             | 1         | 62     |  |  |  |  |  |
| ** Fastener manufacturer should be consulted to review specific belt and application information |  |                                |           |        |  |  |  |  |  |

Eclipse Profile, PVC™ Compound, Interwoven Carcass

#### Conquering the ups and downs of conveying

- Eclipse top cover profile provides extra grip when conveying products up inclines
- High molecular PVC formula provides durability, versatility and value in the interwoven family of belts
- The fusion and high impregnation of this unique interwoven carcass offers superior fastener retention, tear resistance and low stretch qualities for general conveying

| Description   | Plies | Working | Working Tension |       | Approx. OAG Weight |             | COF     | Pulley Dia. |     | a. Temp. |        |       |
|---------------|-------|---------|-----------------|-------|--------------------|-------------|---------|-------------|-----|----------|--------|-------|
|               |       | PIW*    | KN/m            | in.   | mm                 | Lbs./Sq.ft. | Kg/Sq.m | (approx.)   | In. | mm       | °F     | °C    |
| PVC 120S1 EBb | 1     | 120     | 21              | 0.240 | 6.1                | 0.97        | 4.7     | 0.25        | 2.0 | 51       | 20-180 | -7-82 |
| PVC 150S1 EBb | 1     | 150     | 26              | 0.255 | 6.5                | 1.22        | 5.9     | 0.25        | 2.5 | 64       | 20-180 | -7-82 |
| PVC 200S1 Ebb | 1     | 200     | 35              | 0.315 | 8.0                | 1.45        | 7.0     | 0.25        | 4.0 | 102      | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recommended Fasteners** |           |        |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|
| Description   |  |                         | Alligator | Staple |  |  |  |
| PVC 120S1 EBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1                | 15        | 125    |  |  |  |
| PVC 150S1 EBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |
| PVC 200S1 EBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U4                 | 27        | 187    |  |  |  |

### Hot Stock & Water-All Polyester Carcass, HPC™

#### A gripping solution for conveying rubber stock

- All polyester top cover provides good grip and release characteristics for conveying rubber stock in tire facilities and related industries
- Innovative HPC<sup>™</sup>-constructed multi-plied spun polyester carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description       | Plies | Working Tension |      | Approx. OAG Weight |     | COF         | COF Pulley Dia. |           | Temp. |     |         |        |
|-------------------|-------|-----------------|------|--------------------|-----|-------------|-----------------|-----------|-------|-----|---------|--------|
|                   |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft. | Kg/Sq.m         | (approx.) | In.   | mm  | °F      | °C     |
| PVG 150H(HS) LFb  | 2     | 150             | 26   | 0.115              | 2.9 | 0.62        | 3.0             | 0.30      | 3.0   | 76  | -20-180 | -29-82 |
| PVG 225H2(HS) LFb | 3     | 225             | 39   | 0.170              | 4.3 | 1.01        | 4.9             | 0.30      | 6.0   | 152 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description       | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|-------------------|--|-------------------------|-----------|--------|--|--|--|
| Booonpaon         |  | Clipper                 | Alligator | Staple |  |  |  |
| PVG 150H(HS) LFb  | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1SP or UX1SP            | 7         | 62     |  |  |  |
| PVG 225H2(HS) LFb | Finger-over-finger, Finger, Bias Stepped,                                      | 2 or U2                 | 20        | 125    |  |  |  |
|                   | Skived Bias, Mechanical Fasteners  |                         |           |        |  |  |  |



### Hot Stock & Water-Cotton Top Ply, HPC™

Setting the standard in rubber stock conveying

- Cotton top cover has been the industry standard in tire manufacturing facilities where rubber stock is conveyed
- Cotton fabric top cover provides heat resistance and release characteristics
- Innovative HPC<sup>™</sup>-constructed multi-plied spun polyester carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description    | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |     | Tem     | Temp.  |  |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|-----|---------|--------|--|
|                |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.         | mm  | °F      | °C     |  |
| PVG 130V2G LFb | 3     | 130             | 23   | 0.135       | 3.4 | 0.77        | 3.7     | 0.30      | 2.5         | 64  | -20-180 | -29-82 |  |
| PVG 180V3G LFb | 4     | 180             | 32   | 0.175       | 4.4 | 1.02        | 4.9     | 0.30      | 4.0         | 102 | -20-180 | -29-82 |  |

\*Elongation less than 2% at specified PIW

| Description    | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|----------------|--|-------------------------|-----------|--------|--|--|--|
| Becomption     |  | Clipper                 | Alligator | Staple |  |  |  |
| PVG 130V2G LFb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2SP or U2SP             | 7         | 125    |  |  |  |
| PVG 180V3G LFb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |

### General Purpose, Interwoven Single Ply Carcass

#### Durability and versatility at an economical price

- · High molecular PVC formula provides durability, versatility and value in the interwoven family of belts
- The fusion and high impregnation of this unique interwoven carcass offers superior fastener retention, tear resistance and low stretch qualities for general conveying
- Products work well in package handling and distribution centers

| Description   | Plies | Working | Tension | Approx | . OAG | Wei         | ight    | COF       | Pulle | y Dia. | Tem     | р.     |
|---------------|-------|---------|---------|--------|-------|-------------|---------|-----------|-------|--------|---------|--------|
|               |       | PIW*    | KN/m    | in.    | mm    | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.   | mm     | °F      | °C     |
| PVC 100S1 FBb | 1     | 100     | 18      | 0.100  | 2.5   | 0.58        | 2.8     | 0.25      | 1.5   | 38     | 20-180  | -7-82  |
| PVC 100S1 CBb | 1     | 100     | 18      | 0.110  | 2.8   | 0.64        | 3.1     | 0.25      | 1.5   | 38     | 20-180  | -7-82  |
| PVC 100S1 CFb | 1     | 100     | 18      | 0.110  | 2.8   | 0.66        | 3.2     | 0.30      | 1.5   | 38     | 20-180  | -7-82  |
| PVC 120S1 FBb | 1     | 120     | 21      | 0.105  | 2.7   | 0.60        | 2.9     | 0.25      | 2.0   | 51     | 20-180  | -7-82  |
| PVC 120S1 CBb | 1     | 120     | 21      | 0.135  | 3.4   | 0.80        | 3.9     | 0.25      | 2.0   | 51     | 20-180  | -7-82  |
| PVC 120S1 CFb | 1     | 120     | 21      | 0.135  | 3.4   | 0.83        | 4.0     | 0.30      | 2.0   | 51     | 20-180  | -7-82  |
| PVC 150S1 FBb | 1     | 150     | 26      | 0.115  | 2.9   | 0.68        | 3.3     | 0.25      | 2.5   | 64     | 20-180  | -7-82  |
| PVC 150S1 CBb | 1     | 150     | 26      | 0.165  | 4.2   | 0.96        | 4.6     | 0.25      | 2.5   | 64     | 20-180  | -7-82  |
| PVC 150S1 CFb | 1     | 150     | 26      | 0.165  | 4.2   | 0.99        | 4.8     | 0.30      | 2.5   | 64     | 20-180  | -7-82  |
| PVC 150S1 CNb | 1     | 150     | 26      | 0.180  | 4.6   | 1.11        | 5.4     | 0.50      | 2.5   | 64     | 20-180  | -7-82  |
| PVC 200S1 FBb | 1     | 200     | 35      | 0.170  | 4.3   | 0.91        | 4.4     | 0.25      | 4.0   | 102    | 20-180  | -7-82  |
| PVC 200S1 CBb | 1     | 200     | 35      | 0.205  | 5.2   | 1.15        | 5.6     | 0.25      | 4.0   | 102    | 20-180  | -7-82  |
| PVC 200S1 CFb | 1     | 200     | 35      | 0.205  | 5.2   | 1.18        | 5.7     | 0.30      | 4.0   | 102    | 20-180  | -7-82  |
| PVC 200S1 CNb | 1     | 200     | 35      | 0.230  | 5.8   | 1.30        | 6.3     | 0.50      | 4.0   | 102    | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recom       | mended Fasten | ers**  |
|---------------|--|-------------|---------------|--------|
| Description   |  | Clipper     | Alligator     | Staple |
| PVC 100S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 100S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 100S1 CFb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 120S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 120S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1    | 7             | 125    |
| PVC 120S1 CFb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1    | 7             | 125    |
| PVC 150S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 150S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |
| PVC 150S1 CFb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |
| PVC 150S1 CNb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |



PVC Compound, Interwoven Single Ply Carcass: continued

| Description   | Splicing Methods                             | Recom   | <b>Recommended Fasteners**</b> |        |  |  |  |  |  |
|---------------|--|---------|--------------------------------|--------|--|--|--|--|--|
| Decemption    |  | Clipper | Alligator                      | Staple |  |  |  |  |  |
| PVC 200S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2 | 20                             | 125    |  |  |  |  |  |
| PVC 200S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 3 or U3 | 25                             | 187    |  |  |  |  |  |
| PVC 200S1 CFb | Finger, Skived Bias,<br>Mechanical Fasteners | 3 or U3 | 25                             | 187    |  |  |  |  |  |
| PVC 200S1 CNb | Finger, Skived Bias,<br>Mechanical Fasteners | 4 or U4 | 27                             | 187    |  |  |  |  |  |

\*\* Fastener manufacturer should be consulted to review specific belt and application information



#### Getting a grip on incline conveying

- Chevron top cover profile provides extra grip when conveying products up inclines
- PVG compound provides moderate oil resistance
- low temperature properties to -20°F (intermittent)
- The fusion and high impregnation of this unique interwoven carcass offers superior fastener retention, tear resistance and low stretch qualities for general conveying

| Description   | Plies | Working Tension |      | Approx. OAG Weight |     | COF Pulley Dia. |         | Temp.     |     |    |         |        |
|---------------|-------|-----------------|------|--------------------|-----|-----------------|---------|-----------|-----|----|---------|--------|
|               |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft.     | Kg/Sq.m | (approx.) | ln. | mm | °F      | °C     |
| PVG 100S1 VBb | 1     | 100             | 18   | 0.240              | 6.1 | 0.87            | 4.2     | 0.25      | 2.0 | 51 | -20-180 | -29-82 |
| PVG 120S1 VBb | 1     | 120             | 21   | 0.250              | 6.4 | 0.93            | 4.5     | 0.25      | 2.0 | 51 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                              | Recommended Fasteners** |           |        |  |  |  |
|---------------|---|-------------------------|-----------|--------|--|--|--|
| Decemption    |   | Clipper                 | Alligator | Staple |  |  |  |
| PVG 100S1 VBb | Finger, Bias Stepped,<br>Mechanical Fasteners | 2SP or U2SP             | 15        | 125    |  |  |  |
| PVG 120S1 VBb | Finger, Bias Stepped,<br>Mechanical Fasteners | 2SP or U2SP             | 15        | 125    |  |  |  |

\*\* Fastener manufacturer should be consulted to review specific belt and application information

Smooth Cover

## Making a higher

## grade

in Food Processing Conveying



### Customer - approved. Quality - certified.

Food processing applications can dish out the worst. That's why Goodyear Engineered Products provides a wide range of field-tested, lightweight conveyor belts that score high marks in some of the most stringent environments. When it comes to bakery, fruit, vegetable, pharmaceutical and meat processing, count on Goodyear to make the grade.

Most every food processing belt includes either RMV<sup>®</sup> or POR<sup>™</sup>, special compounds manufactured with FDA/USDA compliant materials. Both are highly resistant to animal fats, vegetable and mineral oils, as well as many chemicals.

You'll find a variety of surface impressions in Goodyear's food processing belts, each designed to improve your options when a profile belt is required. A perfect example is Z-Belt<sup>™</sup>, a food-approved belt delivering increased product carrying capacity while reducing system vibration on the return side idlers.

For advanced performance that keeps you ahead in one of the most restrictive conveying environments, Goodyear has the belt you're looking for. Call 1-800-LWT-BELT for more information.

#### Constructions

#### Multi-Plied Spun Polyester Construction

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- · Superior tracking in both directions
- · Resistance to edge wicking and curling
- Exceptional splicing capabilities

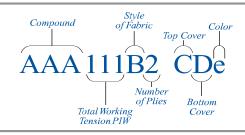
#### **Multi-Plied Monofilament**

- Covers a wide range of precision applications
- Transversely rigid, HPC construction permits the use of low energy drives and small pulley diameters in high-speed conveying conditions
- Unique fabric design offers edge wear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction

#### Single-Plied Interwoven

- High-quality spun polyester warp yarns are woven and bound together with the weft yarns
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

#### Goodyear Lightweight Belt Coding System







### Leaders in the food processing class

- · Goodyear's RMV compound is FDA/USDA compliant:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Multi-Plied Spun Polyester carcass with HPC<sup>™</sup> technology increases strength and durability:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions provide improved belt wear
  - Thermo-Flow<sup>™</sup> splicing capabilities

| Description   | Plies | Working | Tension | Approx | Approx. OAG |             | Weight  |           | COF Pulley |    | Tem    | p.    |
|---------------|-------|---------|---------|--------|-------------|-------------|---------|-----------|------------|----|--------|-------|
|               |       | PIW*    | KN/m    | in.    | mm          | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.        | mm | °F     | °C    |
| RMV 100V2 CFw | 2     | 100     | 18      | 0.112  | 2.8         | 0.72        | 3.5     | 0.30      | 1.5        | 38 | 20-180 | -7-82 |
| RMV 150H2 CFw | 2     | 150     | 26      | 0.135  | 3.4         | 0.85        | 4.1     | 0.30      | 2.5        | 64 | 20-180 | -7-82 |
| RMV 150V3 CFw | 3     | 150     | 26      | 0.135  | 3.4         | 0.85        | 4.1     | 0.30      | 2.5        | 64 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|
|               |  | Clipper                 | Alligator | Staple |  |  |  |
| RMV 100V2 CFw | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 36 or UCM36             | 7         | 62     |  |  |  |
| RMV 150H2 CFw | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |
| RMV 150V3 CFw | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |

### RMV<sup>®</sup> Compound, Multi-Plied Monofilament HPC™

#### Excellence in flexibility and precision

- Goodyear's RMV compound is FDA/USDA compliant and offers:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Multi-Plied Monofilament carcass with HPC<sup>™</sup> technology improves belt versatility:
  - excellent transverse rigidity
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - Thermo-Flo<sup>™</sup> splicing capabilities
- Ideal for meat, poultry, bakery and vegetable products

| Description   | Plies | Working Tension |      | Approx. OAG Weigh |     | Weight COF  |         | Pulley Dia. |     | Temp. |        |       |
|---------------|-------|-----------------|------|-------------------|-----|-------------|---------|-------------|-----|-------|--------|-------|
|               |       | PIW*            | KN/m | in.               | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)   | ln. | mm    | °F     | °C    |
| RMV 100RM CLw | 2     | 100             | 18   | 0.090             | 2.3 | 0.53        | 2.6     | 0.18        | 2.0 | 51    | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Colliging Matheda                         | Recommended Fasteners** |           |         |  |  |  |
|---------------|---|-------------------------|-----------|---------|--|--|--|
| Description   | Splicing Methods                          | Clipper                 | Alligator | Staple  |  |  |  |
| RMV 100RM CLw | Finger-over-finger, Finger, Bias Stepped, | 36SP or                 | 7         | <u></u> |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | UCM36SP                 | 1         | 62      |  |  |  |

### RMV® Compound, Kleated Profile, Multi-Plied Spun Polyester

#### At the top of the list in rugged durability

- Special kleated profile features:
  - transverse molded cleats built into the belt
  - extra traction on inclines
- Goodyear's RMV compound is FDA/USDA compliant and offers:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Multi-Plied Spun Polyester carcass with HPC<sup>™</sup> technology increases strength and durability:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions provide improved belt wear
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |    | Temp.   |         |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|----|---------|---------|
|               |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm | °F      | °C      |
| RMV 150H2 KFw | 2     | 150             | 26   | 0.250       | 6.4 | 1.07        | 5.2     | 0.30      | 2.5         | 64 | 20 –180 | -7 – 82 |

\*Elongation less than 2% at specified PIW

| Description   | On Kiniman Marthanda                      | Recommended Fasteners** |           |        |  |  |  |
|---------------|---|-------------------------|-----------|--------|--|--|--|
| Description   | Splicing Methods                          | Clipper                 | Alligator | Staple |  |  |  |
| RMV 150H2 KFw | Finger-over-finger, Finger, Bias Stepped, | 36 or                   | 7         | 62     |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | UCM36                   | 1         | 02     |  |  |  |

### RMV<sup>®</sup> Compound, Tygrip Profile, Multi-Plied Spun Polyester

#### For a "Grade A" grip on incline conveying

- Tygrip profile provides extra gripping power for incline conveying
- Goodyear's RMV<sup>®</sup> compound is FDA/USDA compliant and offers:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Multi-Plied Spun Polyester carcass with HPC<sup>™</sup> technology increases strength and durability:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions provide improved belt wear
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG Weight |     | COF         | Pulley Dia. |           | Temp. |    |        |       |
|---------------|-------|-----------------|------|--------------------|-----|-------------|-------------|-----------|-------|----|--------|-------|
|               |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft. | Kg/Sq.m     | (approx.) | ln.   | mm | °F°    | С     |
| RMV 100V2 TFw | 2     | 100             | 18   | 0.115              | 2.9 | 0.67        | 3.2         | 0.30      | 1.5   | 38 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Calician Methode                          | Recommended Fasteners** |           |        |  |  |  |
|---------------|---|-------------------------|-----------|--------|--|--|--|
| Description   | Splicing Methods                          | Clipper                 | Alligator | Staple |  |  |  |
| RMV 100V2 TFw | Finger-over-finger, Finger, Bias Stepped, | 36SP or                 | 1         | 62     |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | UCM36SP                 | I         | 02     |  |  |  |



Above average product release characteristics

- Hard durometer RMH compound is a version of Goodyear's RMV® compound:
  - good food release characteristics FDA/USDA compliant
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Quadgrip bottom cover profile:
  - protects the carcass
  - lowers the coefficient of friction over slider beds
- Multi-Plied Spun Polyester carcass with HPC<sup>™</sup> technology increases strength and durability: - superior tracking in both directions
  - resistance to edge wicking and curling
  - resistance to euge wicking and cu
  - flexibility over small pulleys
  - excellent adhesions provide improved belt wear
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |     | Temp.  |       |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|-----|--------|-------|
|               |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm  | °F°    | С     |
| RMH 220S2 NQw | 2     | 220             | 39   | 0.230       | 5.8 | 1.38        | 6.7     | 0.50      | 6.0         | 152 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Colicing Matheda   | Recommended Fasteners** |           |        |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|
| Description   | Splicing Methods   | Clipper                 | Alligator | Staple |  |  |  |
| RMH 220S2 NQw | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 3 or U3                 | 25        | 187    |  |  |  |

### RMV<sup>®</sup> Compound, Multi-Plied Monofilament Carcass

## Outstanding achievement in non-stick performance

- Goodyear's RMV compound is FDA and USDA compliant and offers:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
- Quadgrip cover profile:
  - good release characteristics when conveying sticky pastries and dough
  - improved grip for incline service
- Multi-Plied Monofilament carcass with HPC<sup>™</sup> technology:
  - excellent transverse rigidity
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG Weight |     | eight COF   |         | Pulley Dia. |     | Temp. |        |       |
|---------------|-------|-----------------|------|--------------------|-----|-------------|---------|-------------|-----|-------|--------|-------|
|               |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)   | ln. | mm    | °F°    | С     |
| RMV 100RM QLw | 2     | 100             | 18   | 0.095              | 2.4 | 0.55        | 2.7     | 0.18        | 2.0 | 51    | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | <b>Recommended Fasteners**</b> |           |        |  |  |  |
|---------------|--|--------------------------------|-----------|--------|--|--|--|
| Decemption    |  | Clipper                        | Alligator | Staple |  |  |  |
| RMV 100RM QLw | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 36SP or<br>UCM36SP             | 1         | 62     |  |  |  |



RMV<sup>®</sup> Compound, Z-Belt<sup>™</sup> Profile, Multi-Plied Spun Polyester

#### For the highest marks in product flow

- Z-Belt profile can carry up to 30% more product:
  - unique, continuous design reduces vibration on return side idlers
  - allows for drainage when transporting wet products without changing profile direction
- Goodyear's RMV compound is FDA/USDA compliant and offers:
  - superior resistance to animal fats, vegetable and mineral oils
  - high resin content offers state-of-the-art Melt-Weld fabrications
  - Multi-Plied Spun Polyester carcass with HPC™ technology increases strength and durability:
    - superior tracking in both directions
    - resistance to edge wicking and curling
    - flexibility over small pulleys
    - excellent adhesions provide improved belt wear
    - Thermo-Flo™ splicing capabilities

| Description     | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |     | Temp.    |         |
|-----------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|-----|----------|---------|
|                 |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm  | °F       | °C      |
| RMV 150H2 ZFw-1 | 2     | 150             | 26   | 0.245       | 6.2 | 1.08        | 5.2     | 0.30      | 4.0         | 102 | 20 – 180 | -7 – 82 |

\*Elongation less than 2% at specified PIW

| Description     | Splicing Methods                          | Recommended Fasteners** |           |        |  |  |  |  |
|-----------------|---|-------------------------|-----------|--------|--|--|--|--|
| Booonption      |   | Clipper                 | Alligator | Staple |  |  |  |  |
| RMV 150H2 ZFw-1 | Finger-over-finger, Finger, Bias Stepped, | 36 or                   | 7         | 60     |  |  |  |  |
|                 | Skived Bias, Mechanical Fasteners         | UCM36                   | 1         | 62     |  |  |  |  |



### POR™ Compound, Single-Ply Interwoven Carcass

#### For value that earns impressive scores

- POR Compound:
  - FDA/USDA compliant
  - an excellent value in a variety of food processing applications
  - good resistance to animal fats, vegetable and mineral oils
- Single-Ply Interwoven Carcass:
  - constructed of high quality polyester warp yarns that are interwoven and bound together with the weft yarns
  - superior fastener retention
  - excellent rip and tear resistance
  - low stretch properties

| Description |    | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | COF Pulley Dia. |    | Temp.    |         |
|-------------|----|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-----------------|----|----------|---------|
|             |    |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.             | mm | °F       | °C      |
| POR 100S1 C | Fw | 1     | 100             | 18   | 0.110       | 2.8 | 0.70        | 3.4     | 0.30      | 1.5             | 38 | 20 – 180 | -7 – 82 |
| POR 120S1 C | Fw | 1     | 120             | 21   | 0.135       | 3.4 | 0.85        | 4.1     | 0.30      | 2.0             | 51 | 20 – 180 | -7 – 82 |
| POR 150S1 C | Fw | 1     | 150             | 26   | 0.165       | 4.2 | 1.01        | 4.9     | 0.30      | 2.5             | 64 | 20 – 180 | -7 – 82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recom       | mended Fasten | ers**  |
|---------------|--|-------------|---------------|--------|
| Decemption    |  | Clipper     | Alligator     | Staple |
| POR 100S1 CFw | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| POR 120S1 CFw | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1    | 7             | 125    |
| POR 150S1 CFw | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |



POR™ Compound, Chevron Profile, Interwoven Carcass

#### For value that rides the inclines

- POR Compound:
  - FDA/USDA compliant
  - an excellent value in a variety of food processing applications
  - good resistance to animal fats, vegetable and mineral oils
- Chevron Top Cover Profile:
  - improved gripping for incline service
  - reduces carry-back of fine materials
  - easy to clean
  - drains exceptionally well
- Single-Ply Interwoven Carcass:
  - constructed of high quality polyester warp yarns that are interwoven and bound together with the weft yarns
  - superior fastener retention
  - excellent rip and tear resistance
  - low stretch properties

| Description   | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF Pulley Dia. |     | Temp. |          |         |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------------|-----|-------|----------|---------|
|               |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)       | In. | mm    | °F       | °C      |
| POR 100S1 VFw | 1     | 100             | 18   | 0.240       | 6.1 | 0.87        | 4.2     | 0.30            | 2.0 | 51    | 20 – 180 | -7 – 82 |
| POR 120S1 VFw | 1     | 120             | 21   | 0.250       | 6.4 | 0.93        | 4.5     | 0.30            | 2.0 | 51    | 20 – 180 | -7 – 82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recommended Fasteners** |           |        |  |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|--|
| Decemption    |  | Clipper                 | Alligator | Staple |  |  |  |  |
| POR 100S1 VFw | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1                | 15        | 125    |  |  |  |  |
| POR 120S1 VFw | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1                | 15        | 125    |  |  |  |  |

## Harvesting better Solutions

for Agricultural Conveying

1912



## Discover the belting that delivers a higher yield.

From potatoes to grain and nuts to seed, agricultural products place high demands on conveyor belting. That's why you need a low-maintenance belt with high-performance qualities. One that can stand up to harsh environments, as well as provide maximum product flow often difficult with granular and free-flowing materials like rice and corn. When it comes to conveying agricultural products, Goodyear Engineered Products has the lightweight belting sure to meet your most stringent, exacting requirements.

You'll find features designed especially for the agricultural industry:

- our durable HPC<sup>™</sup> plied construction
- specially formulated PVGE compound for safe use in grain elevators
- the continuous Z-belt<sup>™</sup> profile that can carry up to 30% more product

You'll produce better results from innovations like these. And to Goodyear, that's the measure of a great return. Call 1-888-LWT-BELT for more information.

#### Constructions

#### Multi-Plied Spun Polyester

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- Superior tracking in both directions
- Resistance to edge wicking and curling
- Exceptional splicing capabilities

#### Multi-Plied Monofilament

- Covers a wide range of precision applications.
- Transversely rigid, HPC construction permits the use of low energy drives and small pulley diameters in high-speed conveying conditions
- Unique fabric design offers edge wear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction

#### Single-Plied Interwoven

- High-quality polyester warp yarns are woven and bound together with the weft yarns.
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying.

#### Goodyear Lightweight Belt Coding System



Z-Belt,™ PVG™ Compound, Multi-Plied Spun Polyester and Interwoven



- Exclusive Z-Belt profile features a unique continuous design:
  - carries up to 30% more product in most cases
  - reduces noise level and vibration on return side idlers
  - provides better drainage when transporting wet materials
- PVG Compound provides:
  - moderate oil resistance
  - excellent slider abrasion resistance
  - low temperature to -20°F, intermittent
- · Available in two carcass constructions
- Multi-Plied Spun Polyester Carcass with HPC<sup>™</sup> technology increases strength and durability:
  - superior tracking in both directions
  - resistance to edge wear, wicking and curling
  - flexibility over small pulleys
  - Thermo-Flo<sup>™</sup> splicing capabilities
- Interwoven carcass is ideal for general conveying:
  - fusion and high impregnation provides superior fastener retention, tear resistance and low stretch qualities

| Description     | Plies | Working Tension |      | Approx. OAG |      | Weight      |         | COF       | COF Pulley Dia. |     | Temp.   |        |
|-----------------|-------|-----------------|------|-------------|------|-------------|---------|-----------|-----------------|-----|---------|--------|
|                 |       | PIW*            | KN/m | in.         | mm   | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.             | mm  | °F      | °C     |
| PVG 150H2 ZBb-1 | 2     | 150             | 26   | 0.245       | 6.2  | 1.07        | 5.2     | 0.25      | 4.0             | 102 | -20-180 | -29-82 |
| PVG 150H2 ZFb-1 | 2     | 150             | 26   | 0.245       | 6.2  | 1.08        | 5.2     | 0.30      | 4.0             | 102 | -20-180 | -29-82 |
| PVG 220S2 ZNb-2 | 2     | 220             | 39   | 0.465       | 11.8 | 1.92        | 9.3     | 0.50      | 8.0             | 203 | -20-180 | -29-82 |
| PVG 120S1 ZBb-1 | 1     | 120             | 21   | 0.245       | 6.2  | 1.00        | 4.8     | 0.25      | 3.0             | 76  | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description     | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|-----------------|--|-------------------------|-----------|--------|--|--|--|
|                 | -p   | Clipper                 | Alligator | Staple |  |  |  |
| PVG 150H2 ZBb-1 | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1SP or UX1SP            | 7         | 125    |  |  |  |
| PVG 150H2 ZFb-1 | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1SP or UX1SP            | 7         | 125    |  |  |  |
| PVG 220S2 ZNb-2 | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | N/A                     | 25        | N/A    |  |  |  |
| PVG 120S1 ZBb-1 | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 1SP or UX1SP            | 7         | 125    |  |  |  |

\*\* Fastener manufacturer should be consulted to review specific belt and application information

Z-Belt Mini



#### The cream of the crop for tough applications

- PVGE Compound meets with OSHA and MSHA approval:
  - moderate oil resistance
  - excellent slider abrasion resistance
  - static dissipative, meeting OSHA requirements of 300 megohms or less (with cover on both sides)
  - fire retardant, meeting MSHA test 30-18.65
  - low temperature to -20°F, intermittent
- HPC<sup>™</sup> Multi-Plied Spun Polyester carcass is ideal for grain elevator use:
  - designed for both conveying and elevator applications
  - superior tracking in both directions
  - good bucket holding capability
  - resistance to edge wear, wicking and curling
  - flexibility over small pulleys
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description    | Plies |            | Working | Tension | Approx. OAG |     | Weight      |         | Weight COF |     | COF | Pulley Dia |        | Temp. |  |
|----------------|-------|------------|---------|---------|-------------|-----|-------------|---------|------------|-----|-----|------------|--------|-------|--|
|                |       | Projection | PIW*    | KN/m    | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)  | ln. | mm  | °F         | °C     |       |  |
| PVGE 220S2 NNb | 2     | 6"         | 220     | 39      | 0.250       | 6.4 | 1.55        | 7.5     | 0.50       | 5.0 | 127 | -20-180    | -29-82 |       |  |
| PVGE 330S3 NNb | 3     | 7"         | 330     | 58      | 0.330       | 8.4 | 2.06        | 10.0    | 0.50       | 8.0 | 203 | -20-180    | -29-82 |       |  |

\*Elongation less than 2% at specified PIW

| Description    | Splicing Methods                | Recommended Fasteners** |           |        |  |  |  |
|----------------|---------------------------------|-------------------------|-----------|--------|--|--|--|
| Decemption     | oplicing monous                 | Clipper                 | Alligator | Staple |  |  |  |
| PVGE 220S2 NNb | Butt Strap, Overlap,<br>Oilwell | N/A                     | N/A       | N/A    |  |  |  |
| PVGE 330S3 NNb | Butt Strap, Overlap,<br>Oilwell | N/A                     | N/A       | N/A    |  |  |  |



PVGE™ Compound, Interwoven Carcass, Grain Elevators

#### Engineered for peak performance

- PVGE Compound is specially designed for agricultural use:
  - moderate oil resistance
  - excellent slider abrasion resistance
  - static dissipative, meeting OSHA requirements of 300 megohms or less (with cover on both sides)
  - fire retarant, meeting MSHA test 30-18.65
  - low temperature to -20°F, intermittent
  - good wear characteristics
- Interwoven carcass is ideal for grain handling:
  - designed for use in bucket elevators
  - fusion and high impregnation provides superior fastener retention, tear resistance and low stretch qualities

| Description    | Plies | Max                  |     | Tension | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |     | Temp.   |        |
|----------------|-------|----------------------|-----|---------|-------------|-----|-------------|---------|-----------|-------------|-----|---------|--------|
|                |       | Bucket<br>Projection |     | KN/m    | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm  | °F      | °C     |
| PVGE 200S1 CNb | 1     | 6"                   | 200 | 35      | 0.230       | 5.8 | 1.51        | 7.3     | 0.50      | 4.0         | 102 | -20-180 | -29-82 |
| PVGE 250S1 CNb | 1     | 6"                   | 250 | 44      | 0.250       | 6.4 | 1.64        | 7.9     | 0.50      | 6.0         | 152 | -20-180 | -29-82 |
| PVGE 350S1 CMb | 1     | 7"                   | 350 | 61      | 0.295       | 7.5 | 1.84        | 8.9     | 0.50      | 8.0         | 203 | -20-180 | -29-82 |
| PVGE 450S1 CMb | 1     | 8"                   | 450 | 79      | 0.350       | 8.9 | 2.20        | 10.6    | 0.50      | 10.0        | 254 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                | <b>Recommended Fasteners**</b> |           |        |  |  |  |  |
|---------------|---------------------------------|--------------------------------|-----------|--------|--|--|--|--|
|               |                                 | Clipper                        | Alligator | Staple |  |  |  |  |
| PVG 200S1 CNb | Butt Strap, Overlap,<br>Oilwell | N/A                            | N/A       | N/A    |  |  |  |  |
| PVG 250S1 CNb | Butt Strap, Overlap,<br>Oilwell | N/A                            | N/A       | N/A    |  |  |  |  |
| PVG 350S1 CMb | Butt Strap, Overlap,<br>Oilwell | N/A                            | N/A       | N/A    |  |  |  |  |
| PVG 450S1 CMb | Butt Strap, Overlap,<br>Oilwell | N/A                            | N/A       | N/A    |  |  |  |  |



## Lives up to the task in extreme conditions

- PVG compound is specially designed for agricultural use:
  - moderate oil resistance
  - excellent slider abrasion resistance
  - low temperature resistance to -20°F, intermittent
- Multi-Plied Spun Polyester carcass with HPC<sup>™</sup> technology increases strength and durability:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - superior adhesions provide improved belt wear
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |    | Temp.   |        |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|----|---------|--------|
|               |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.         | mm | °F      | °C     |
| PVG 50V DFb   | 1     | 50              | 9    | 0.065       | 1.7 | 0.43        | 2.1     | 0.30      | 1.0         | 25 | -20-180 | -29-82 |
| PVG 150H2 NBb | 2     | 150             | 26   | 0.140       | 3.6 | 0.94        | 4.5     | 0.25      | 2.5         | 64 | -20-180 | -29-82 |
| PVG 150H2 NFb | 2     | 150             | 26   | 0.140       | 3.6 | 0.97        | 4.7     | 0.30      | 2.5         | 64 | -20-180 | -29-82 |
| PVG 150H2 NNb | 2     | 150             | 26   | 0.160       | 4.1 | 1.05        | 5.1     | 0.50      | 2.5         | 64 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                          | Recommended Fasteners** |           |        |  |  |  |
|---------------|---|-------------------------|-----------|--------|--|--|--|
|               |   | Clipper                 | Alligator | Staple |  |  |  |
| PVG 50V Dfb   | Finger, Skived Bias,                      | N/A                     | NI/A      | N/A    |  |  |  |
|               | Mechanical Fasteners                      | N/A                     | N/A       | N/A    |  |  |  |
| PVG 150H2 NBb | Finger-over-finger, Finger, Bias Stepped, | 2SP or U2SP             | 7         | 125    |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | 237 01 0237             | 1         | 120    |  |  |  |
| PVG 150H2 NFb | Finger-over-finger, Finger, Bias Stepped, | 2SP or U2SP             | 7         | 125    |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | 235 01 0235             | 1         | 125    |  |  |  |
| PVG 150H2 NNb | Finger-over-finger, Finger, Bias Stepped, | 2 or U2                 | 15        | 125    |  |  |  |
|               | Skived Bias, Mechanical Fasteners         | 2 01 02                 | 10        | 125    |  |  |  |



### PVG™ Compound, Interwoven Carcass

For value that lasts season after season

- PVG Compound is specially designed for agricultural use:
  - moderate oil resistance
  - excellent slider abrasion resistance
  - low temperature to -20°F, intermittent
  - good wear characteristics
- Interwoven carcass is ideal for general conveying:
  - fusion and high impregnation provides superior fastener retention, tear resistance and low stretch qualities

| Description   | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |    | Temp.     |          |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|----|-----------|----------|
|               |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.         | mm | °F        | °C       |
| PVG 100S1 CBb | 1     | 100             | 18   | 0.110       | 2.8 | 0.64        | 3.1     | 0.25      | 1.5         | 38 | -20 – 180 | -29 – 82 |
| PVG 120S1 CBb | 1     | 120             | 21   | 0.135       | 3.4 | 0.80        | 3.9     | 0.25      | 2.0         | 51 | -20 – 180 | -29 – 82 |
| PVG 150S1 CBb | 1     | 150             | 26   | 0.165       | 4.2 | 0.96        | 4.6     | 0.25      | 2.5         | 64 | -20 – 180 | -29 – 82 |
| PVG 150S1 CNb | 1     | 150             | 26   | 0.180       | 4.6 | 1.11        | 5.4     | 0.50      | 2.5         | 64 | -20 – 180 | -29 – 82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recommended Fasteners** |           |        |  |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|--|
| Description   | opiionig monouo                              | Clipper                 | Alligator | Staple |  |  |  |  |
| PVG 100S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1SP or UX1SP            | 7         | 62     |  |  |  |  |
| PVG 120S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |  |
| PVG 150S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |  |
| PVG 150S1 CNb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |  |

## the box thinking

for Package and Baggage Handling Conveying



## Innovative solutions to keep your business on track.



From light to heavy loads, and flat to incline and decline conveying, Lightweight Conveyor Belts from Goodyear Engineered Products have a solution for every need in package and baggage handling. Our fully integrated manufacturing process and innovative belting solutions result in belts that meet your most exacting requirements.

Available in three carcass constructions - Multi-Plied Spun Polyester, Multi-Plied Monofilament and Single-Plied Interwoven - Goodyear provides a broad range of top-quality belts for various slider bed, live roller and roller applications. Our unique HPC<sup>™</sup> technology, a homogenous plied construction process, provides superior tracking in both directions and offers excellent splicing capabilities, translating into belts that look better and last longer.

In the package and baggage handling conveying industry, there's no room for downtime. That's why Goodyear continues to develop innovative ways to keep your business moving. Call 1-888-LWT-BELT for more information.

#### Constructions

#### Multi-Plied Spun Polyester Construction

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- Superior tracking in both directions
- · Resistance to edge wicking and curling
- Exceptional splicing capabilities

#### **Multi-Plied Monofilament**

- Covers a wide range of precision applications
- Transversely rigid, HPC construction permits the use of low energy drives and small pulley diameters in high-speed conveying conditions
- Unique fabric design offers edge wear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction

#### Single-Plied Interwoven

- High-quality polyester warp yarns are woven and bound together with the weft yarns
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

#### Goodyear Lightweight Belt Coding System





#### The ultimate in noise reduction. The utmost in performance.

- Goodyear's uniquely quiet QPH<sup>™</sup> compound and our whisper weave fabrics provide lower noise levels in roller, live roller and slider bed conveying systems
- A polyester carcass delivers low stretch characteristics
- Our innovative HPC<sup>™</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - finger-over-finger splicing capabilities

| Description    | Plies | Working | Tension | Approx. OAG |     | Weight      |         | COF       | COF Pulley Dia. |     | Temp.  |       |
|----------------|-------|---------|---------|-------------|-----|-------------|---------|-----------|-----------------|-----|--------|-------|
|                |       | PIW*    | KN/m    | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.             | mm  | °F     | °C    |
| QPH 90WP CBb-S | 2     | 90      | 16      | 0.120       | 3.0 | 0.70        | 3.4     | 0.25      | 1.5             | 38  | 20-180 | -7-82 |
| QPH 110W FBb   | 1     | 110     | 19      | 0.075       | 1.9 | 0.45        | 2.2     | 0.25      | 2.0             | 51  | 20-180 | -7-82 |
| QPH 120WP CBb  | 2     | 120     | 21      | 0.135       | 3.4 | 0.80        | 3.9     | 0.25      | 2.0             | 51  | 20-180 | -7-82 |
| QPH 150W2 BBb  | 2     | 150     | 26      | 0.125       | 3.2 | 0.76        | 3.7     | 0.25      | 2.5             | 64  | 20-180 | -7-82 |
| QPH 220WS BBb  | 2     | 220     | 39      | 0.190       | 4.8 | 1.10        | 5.3     | 0.25      | 5.0             | 127 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description    | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|----------------|--|-------------------------|-----------|--------|--|--|--|
| Decomption     |  | Clipper                 | Alligator | Staple |  |  |  |
| QPH 90WP CBb-S | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1SP or UX1SP            | 7         | 62     |  |  |  |
| QPH 110W FBb   | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 1XSP or UX1SP           | 1         | 62     |  |  |  |
| QPH 120WP CBb  | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |
| QPH 150W2 BBb  | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |
| QPH 220WS BBb  | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2                 | 25        | 187    |  |  |  |

## PKG 200KSK LLb

#### Constructed to carry on, load after load

- Excellent transverse rigidity means belt lays flat and does not buckle when packages are pushed/pulled off
- Low coefficient of friction top and bottom covers
  - ideal for slider bed conveyors
  - packages can be easily diverted from belt
- Our innovative HPC<sup>™</sup> constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - finger-over-finger splicing capabilities
  - outstanding fastener retention

| Description    | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |     | Temp.  |       |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|-----|--------|-------|
|                |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm  | °F     | °C    |
| PKG 200KSK LLb | 3     | 200             | 35   | 0.190       | 4.8 | 1.18        | 5.7     | 0.18      | 5.0         | 127 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description    | Splicing Methods   | <b>Recommended Fasteners**</b> |           |        |  |  |  |
|----------------|--|--------------------------------|-----------|--------|--|--|--|
|                | op   | Clipper                        | Alligator | Staple |  |  |  |
| PKG 200KSK LLb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 3 or U3                        | 25        | 187    |  |  |  |

\*\* Fastener manufacturer should be consulted to review specific belt and application information

## UMVS™ 100RM GLgx

#### The master of industry ups and downs

- UMVS is a low durometer cover compound, providing a high coefficient of friction top cover holding packages in place during sudden starts and stops
- Groove Incline Top surface under compression is ideal for incline conveying, capable of handling angles up to 45 degrees in some applications
- Multi-plied HPC<sup>™</sup> multifilament x monofilament carcass offers excellent transverse rigidity, permitting the use of low energy drives and small pulley diameters in high-speed conveying conditions

| Description     | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF       | Pulley Dia. |    | Temp.  |       |
|-----------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------|-------------|----|--------|-------|
|                 |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.         | mm | °F     | °C    |
| UMVS 100RM GLgx | 2     | 100             | 18   | 0.100       | 2.5 | 0.60        | 2.9     | 0.18      | 2.0         | 51 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description     | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|-----------------|--|-------------------------|-----------|--------|--|--|--|
|                 |  | Clipper                 | Alligator | Staple |  |  |  |
| UMVS 100RM GLgx | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 1XSP or<br>UX1XSP       | 1         | 62     |  |  |  |

## PVC Interwoven

#### Lasting value to cover any application

- High-molecular PVC formula provides durability, versatility and value in the interwoven family of belts
- The fusion and high impregnation of this unique interwoven carcass offers:
  - superior fastener retention
  - tear resistance
  - low stretch characteristics
- Ideal for general conveying

| Description   | Plies | Working | Tension | Approx. OAC |     | Weight      |         | COF       | Pulley Dia. |     | Temp.  |       |
|---------------|-------|---------|---------|-------------|-----|-------------|---------|-----------|-------------|-----|--------|-------|
|               |       | PIW*    | KN/m    | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.         | mm  | °F     | °C    |
| PVC 120S1 FBb | 1     | 120     | 21      | 0.105       | 2.7 | 0.60        | 2.9     | 0.25      | 2.0         | 51  | 20-180 | -7-82 |
| PVC 120S1 CBb | 1     | 120     | 21      | 0.135       | 3.4 | 0.80        | 3.9     | 0.25      | 2.0         | 51  | 20-180 | -7-82 |
| PVC 150S1 FBb | 1     | 150     | 26      | 0.115       | 2.9 | 0.68        | 3.3     | 0.25      | 2.5         | 64  | 20-180 | -7-82 |
| PVC 150S1 CBb | 1     | 150     | 26      | 0.165       | 4.2 | 0.96        | 4.6     | 0.25      | 2.5         | 64  | 20-180 | -7-82 |
| PVC 200S1 FBb | 1     | 200     | 35      | 0.170       | 4.3 | 0.91        | 4.4     | 0.25      | 4.0         | 102 | 20-180 | -7-82 |
| PVC 200S1 CBb | 1     | 200     | 35      | 0.205       | 5.2 | 1.15        | 5.6     | 0.25      | 4.0         | 102 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recom       | mended Fasten | ers**  |
|---------------|--|-------------|---------------|--------|
|               |  | Clipper     | Alligator     | Staple |
| PVC 120S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 120S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1    | 7             | 125    |
| PVC 150S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 36 or UCM36 | 7             | 62     |
| PVC 150S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |
| PVC 200S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2     | 20            | 125    |
| PVC 200S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 3 or U3     | 25            | 187    |

Ruff-Grip

#### The power to hold on tight

- Unique siped ridge Ruff-Grip cover profile provides exceptional gripping power
- · Flexing over pulleys cleans out unwanted material
- Contains a non-marking compound
- Our innovative HPC<sup>™</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - excellent adhesions on the belt edge
  - finger-over-finger splicing capabilities
- Also available in our single-ply interwoven carcass, offering premium fastener retention, tear resistance and low stretch qualities
- Ideal for conveying luggage, boxes, plastic, paper, corrugated cardboard and wood

| Description   | Plies | Working | Tension | Approx | Approx. OAG |             | ight    | COF       | Pulle | ey Dia. | Tem     | p.    |
|---------------|-------|---------|---------|--------|-------------|-------------|---------|-----------|-------|---------|---------|-------|
|               |       | PIW*    | KN/m    | in.    | mm          | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.   | mm      | °F      | °C    |
| PVS 100V2 RBb | 2     | 100     | 18      | 0.310  | 7.9         | 1.00        | 4.8     | 0.25      | 2.0   | 51      | 20-180  | -7-82 |
| PVS 150H2 RBb | 2     | 150     | 26      | 0.310  | 7.9         | 1.03        | 5.0     | 0.25      | 2.5   | 64      | 20-180  | -7-82 |
| PVS 220S2 RBb | 2     | 220     | 39      | 0.360  | 9.1         | 1.35        | 6.5     | 0.25      | 5.0   | 127     | 20-180  | -7-82 |
| PVS 100S1 RBb | 1     | 100     | 18      | 0.280  | 7.1         | 1.04        | 5.0     | 0.25      | 2.0   | 51      | 20-180  | -7-82 |
| PVS 120S1 RBb | 1     | 120     | 21      | 0.310  | 7.9         | 1.13        | 5.5     | 0.25      | 2.0   | 51      | 20-180  | -7-82 |
| PVS 150S1 RBb | 1     | 150     | 26      | 0.320  | 8.1         | 1.20        | 5.8     | 0.25      | 2.5   | 64      | 20-180  | -7-82 |
| PVS 170S1 RBr | 1     | 170     | 30      | 0.370  | 9.4         | 1.40        | 6.8     | 0.25      | 4.0   | 102     | 20-180  | -7-82 |
| PVS 200S1 RBb | 1     | 200     | 35      | 0.370  | 9.4         | 1.40        | 6.8     | 0.25      | 5.0   | 127     | -20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | Reco    | mmended Fasten | ers**  |
|---------------|--|---------|----------------|--------|
|               | -p   | Clipper | Alligator      | Staple |
| PVS 100V2 RBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2 | 20             | 125    |
| PVS 150H2 RBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2 | 20             | 125    |
| PVS 220S2 RBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 4 or U4 | 27             | 187    |
| PVS 100S1 RBb | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 2 or U2 | 20             | 125    |
| PVS 120S1 RBb | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 2 or U2 | 20             | 125    |
| PVS 150S1 RBb | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 3 or U3 | 25             | 187    |
| PVS 170S1 RBr | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 4 or U4 | 27             | 187    |
| PVS 200S1 RBb | Finger, Skived Bias,<br>Mechanical Fasteners                                   | 4 or U4 | 27             | 187    |



#### Made to deliver

• These hard-working interwoven PVC belts are specially manufactured to meet the rigorous standards of the United States Postal Service

| Description    | Plies | Working Tension |      | Approx. OAG |     | Weight      |         | COF Pulley Dia. |     | y Dia. | Temp.  |       |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|-----------------|-----|--------|--------|-------|
|                |       | PIW*            | KN/m | in.         | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)       | ln. | mm     | °F     | °C    |
| USPS 120S1 FBb | 1     | 120             | 21   | 0.125       | 3.2 | 0.66        | 3.2     | 0.25            | 2.5 | 64     | 20-180 | -7-82 |
| USPS 150S1 FBb | 1     | 150             | 26   | 0.170       | 4.3 | 0.91        | 4.4     | 0.25            | 4.0 | 102    | 20-180 | -7-82 |
| USPS 200S1 FBb | 1     | 200             | 35   | 0.220       | 5.6 | 1.33        | 6.4     | 0.25            | 6.0 | 152    | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description    | Splicing Methods                             | Recommended Fasteners** |           |        |  |  |  |  |
|----------------|--|-------------------------|-----------|--------|--|--|--|--|
| Decemption     |  | Clipper                 | Alligator | Staple |  |  |  |  |
| USPS 120S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1or UX1                 | 7         | 125    |  |  |  |  |
| USPS 150S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |  |
| USPS 200S1 FBb | Finger, Skived Bias,<br>Mechanical Fasteners | 4 or U4                 | 27        | 187    |  |  |  |  |

## Demanding peak performance

65

104

in Recycling Conveying



## Standing up to the toughest returns.

Tough conditions call for tough belts. Lightweight Conveyor Belts from Goodyear Engineered Products offer heavy-duty solutions for the harsh demands of recycling conveying. Available in Multi-Plied Spun Polyester and Single-Plied Interwoven carcass constructions, Goodyear provides a variety of durable belts that stand up to the sharp materials encountered in recycling.

Goodyear's unique HPC<sup>™</sup> technology, a homogenous plied construction process, provides great resistance to edge wear and superior tracking, resulting in belts that last longer. Because belt covers are such an important component in recycling, Goodyear offers a variety of covers for many applications, all designed to stand up to the toughest recycling environments.

Durability is a must in the unforgiving world of recycling conveying. Goodyear demands top performance from our recycling belts so that we can help you meet the demands of your business. Call 1-888-LWT-BELT for more information.

#### Constructions

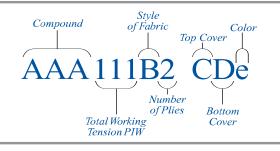
#### Multi-Plied Spun Polyester

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- Superior tracking in both directions
- Resistance to edge wicking and curling
- Exceptional splicing capabilities

#### Single-Plied Interwoven

- High-quality spun polyester warp yarns are woven and bound together with the weft yarns
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

#### Goodyear Lightweight Belt Coding System



Z-Belt™ Profile, PVG™ Compound Multi-Plied Spun Polyester

## Inclined to move more product with less noise

- Continuous pattern Z-Belt profile offers:
  - increased product carrying capacity
  - reduced noise level and vibration on return side idlers
  - better wet drainage and material discharge
- PVG compound offers:
  - moderate oil resistance
  - low temperature characteristics to -20°F under intermittent conditions
- Innovative HPC<sup>TM</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description     | Plies | Working Tension |      | Approx. OAG |      | Weight      |         | COF       | Pulley Dia. |     | Temp.   |        |
|-----------------|-------|-----------------|------|-------------|------|-------------|---------|-----------|-------------|-----|---------|--------|
|                 |       | PIW*            | KN/m | in.         | mm   | Lbs./Sq.Ft. | Kg/Sq.m | (approx.) | ln.         | mm  | °F      | °C     |
| PVG 150H2 ZBb-2 | 2     | 150             | 26   | 0.375       | 9.5  | 1.3         | 6.3     | 0.25      | 8.0         | 203 | -20-180 | -29-82 |
| PVG 220S2 ZNb-2 | 2     | 220             | 39   | 0.465       | 11.8 | 1.92        | 9.3     | 0.50      | 8.0         | 203 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description     | Splicing Methods   | Recommended Fasteners** |           |        |  |  |  |
|-----------------|--|-------------------------|-----------|--------|--|--|--|
|                 |  | Clipper                 | Alligator | Staple |  |  |  |
| PVG 150H2 ZBb-2 | Finger-over-finger, Finger, Skived Bias,<br>Bias Stepped, Mechanical Fasteners | 1 or UX1                | 7         | N/A    |  |  |  |
| PVG 220S2 ZNb-2 | Finger-over-finger, Finger, Skived Bias,<br>Bias Stepped, Mechanical Fasteners | N/A                     | 25        | N/A    |  |  |  |



## Lives up to the task in extreme conditions

- PVG compound offers:
  - moderate oil resistance with excellent slider abrasion resistance
  - low temperature characteristics to -20°F under intermittent conditions
- Innovative HPC<sup>™</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx | Approx. OAG V |             | Weight  |           | COF Pulley Dia. |     | Temp.   |        |
|---------------|-------|-----------------|------|--------|---------------|-------------|---------|-----------|-----------------|-----|---------|--------|
|               |       | PIW*            | KN/m | in.    | mm            | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | ln.             | mm  | °F      | °C     |
| PVG 150H2 NBb | 2     | 150             | 26   | 0.140  | 3.6           | 0.94        | 4.5     | 0.25      | 2.5             | 64  | -20-180 | -29-82 |
| PVG 150H2 NNb | 2     | 150             | 26   | 0.160  | 4.1           | 1.05        | 5.1     | 0.50      | 2.5             | 64  | -20-180 | -29-82 |
| PVG 220S2 CNb | 2     | 220             | 39   | 0.250  | 6.4           | 1.55        | 7.5     | 0.50      | 5.0             | 127 | -20-180 | -29-82 |
| PVG 330S3 CBb | 3     | 330             | 58   | 0.300  | 7.6           | 1.85        | 9.0     | 0.25      | 8.0             | 203 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | Recom       | mended Fastene | ers**  |
|---------------|--|-------------|----------------|--------|
|               |  | Clipper     | Alligator      | Staple |
| PVG 150H2 NBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2SP or U2SP | 7              | 125    |
| PVG 150H2 NNb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2     | 15             | 125    |
| PVG 220S2 CNb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 4 or U4     | 27             | 187    |
| PVG 330S3 CBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | N/A         | N/A            | N/A    |



### PVC™ Compound, Interwoven Carcass

### The ultimate in performance and value

- High molecular PVC formula provides durability, versatility and value
- Unique fusion and high impregnation properties offer superior fastener retention, tear resistance and low stretch qualities for general conveying

| Description   | Plies | Working Tension |      | Approx. OAG Weight |     | COF Pulley Dia. |         | Temp.     |     |    |        |       |
|---------------|-------|-----------------|------|--------------------|-----|-----------------|---------|-----------|-----|----|--------|-------|
|               |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft.     | Kg/Sq.m | (approx.) | In. | mm | °F     | °C    |
| PVC 120S1 CBb | 1     | 120             | 21   | 0.135              | 3.4 | 0.80            | 3.9     | 0.25      | 2.0 | 51 | 20-180 | -7-82 |
| PVC 150S1 CBb | 1     | 150             | 26   | 0.165              | 4.2 | 0.96            | 4.6     | 0.25      | 2.5 | 64 | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods                             | Recommended Fasteners** |           |        |  |  |  |
|---------------|--|-------------------------|-----------|--------|--|--|--|
| Decemption    |  | Clipper                 | Alligator | Staple |  |  |  |
| PVC 120S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 1 or UX1                | 7         | 125    |  |  |  |
| PVC 150S1 CBb | Finger, Skived Bias,<br>Mechanical Fasteners | 2 or U2                 | 20        | 125    |  |  |  |







## Perfecting the craft of performance

in Wood Products Conveying



## Put manufacturing skill into motion

Lightweight Conveyor Belting from Goodyear Engineered Products is widely recognized in the wood products industry for its premium durability, performance and value. Our unique HPC<sup>™</sup> plied construction, premium compounds and innovative cover profiles bring you a product sure to exceed your most exacting demands.

Goodyear offers a variety of compounds and cover profiles to meet any need: from belts that stand up to the turpene content of wood chips, to belts with superior gripping power for conveying wood boards up inclines, Goodyear's got the wood products industry covered.

There's a craft to conveying wood products, and Goodyear Lightweight Conveyor Belt is working hard to hone it. Call 1-800-LWT-BELT for more information.

#### Constructions

#### Multi-Plied Spun Polyester

- HPC<sup>™</sup> Technology in two, three and four-ply construction
- Superior tracking in both directions
- Resistance to edge wicking and curling
- Exceptional splicing capabilities

#### **Multi-Plied Monofilament**

- Covers a wide range of precision applications
- Transversely rigid, HPC construction permits the use of low energy drives and small pulley diameters in high-speed conveying conditions
- Unique fabric design offers edge wear resist ance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction

#### Single-Plied Interwoven

- High-quality spun polyester warp yarns are woven and bound together with the weft yarns
- Interwoven carcass offers superior splice retention, tear resistance and low stretch qualities for general conveying

#### Goodyear Lightweight Belt Coding System





#### Lasting performance and durability

- PVG compound offers:
  - moderate oil resistance with with excellent slider abrasion resistance
  - low temperature characteristics to  $-20^{\circ}$ F under intermittent conditions
- Innovative HPC<sup>™</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities
  - excellent fastener retention values

| Description   | Plies | Working Tension |      | Approx | Approx. OAG Weig |             | Weight COF |           | Pulley Dia. |     | Temp.   |        |
|---------------|-------|-----------------|------|--------|------------------|-------------|------------|-----------|-------------|-----|---------|--------|
|               |       | PIW*            | KN/m | in.    | mm               | Lbs./Sq.ft. | Kg/Sq.m    | (approx.) | ln.         | mm  | °F      | °C     |
| PVG 150H2 NBb | 2     | 150             | 26   | 0.140  | 3.6              | 0.94        | 4.5        | 0.25      | 2.5         | 64  | -20-180 | -29-82 |
| PVG 150H2 NNb | 2     | 150             | 26   | 0.160  | 4.1              | 1.05        | 5.1        | 0.50      | 2.5         | 64  | -20-180 | -29-82 |
| PVG 220S2 BBb | 2     | 220             | 39   | 0.200  | 5.1              | 1.24        | 6.0        | 0.25      | 5.0         | 127 | -20-180 | -29-82 |
| PVG 220S2 CNb | 2     | 220             | 39   | 0.250  | 6.4              | 1.55        | 7.5        | 0.50      | 5.0         | 127 | -20-180 | -29-82 |
| PVG 330S3 CBb | 3     | 330             | 58   | 0.300  | 7.6              | 1.85        | 9.0        | 0.25      | 8.0         | 203 | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | Recomn      | nended Fasteners | led Fasteners** |  |  |
|---------------|--|-------------|------------------|-----------------|--|--|
|               | opg  | Clipper     | Alligator        | Staple          |  |  |
| PVG 150H2 NBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2SP or U2SP | 7                | 125             |  |  |
| PVG 150H2 NNb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2     | 15               | 125             |  |  |
| PVG 220S2 BBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 3 or U3     | 25               | 187             |  |  |
| PVG 220S2 CNb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 4 or U4     | 27               | 187             |  |  |
| PVG 330S3 CBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | N/A         | N/A              | N/A             |  |  |





### Z-Belt™ Profile PVG™ Compound

## Taking wood products conveying to the next level

- Z-Belt profile offers:
  - increased product carrying capacity
  - reduced noise level and vibration on return side idlers
  - better wet drainage
- PVG Compound provides:
  - moderate oil resistance with excellent slider abrasion resistance
  - low temperature to -20°F under intermittent conditions
  - excellent slider abrasion resistance
- Available in innovative HPC<sup>™</sup> Multi-Plied carcass and Interwoven Single Ply carcass constructions

| Description     | Plies | Working Tension |      | Approx. OAG |      | Weight      |         | COF       | )F Pulley Dia. |     | Temp.   |        |
|-----------------|-------|-----------------|------|-------------|------|-------------|---------|-----------|----------------|-----|---------|--------|
|                 |       | PIW*            | KN/m | in.         | mm   | Lbs./Sq.ft. | Kg/Sq.m | (approx.) | In.            | mm  | °F      | °C     |
| PVG 150H2 ZBb-1 | 2     | 150             | 26   | 0.245       | 6.2  | 1.07        | 5.2     | 0.25      | 4.0            | 102 | -20-180 | -29-82 |
| PVG 150H2 ZFb-1 | 2     | 150             | 26   | 0.245       | 6.2  | 1.08        | 5.2     | 0.30      | 4.0            | 102 | -20-180 | -29-82 |
| PVG 150H2 ZBb-2 | 2     | 150             | 26   | 0.375       | 9.5  | 1.30        | 6.3     | 0.25      | 8.0            | 203 | -20-180 | -29-82 |
| PVG 220S2 ZNb-2 | 2     | 220             | 39   | 0.465       | 11.8 | 1.92        | 9.3     | 0.50      | 8.0            | 203 | -20-180 | -29-82 |
| PVG 120S1 ZBb-1 | 1     | 120             | 21   | 0.245       | 6.2  | 1.00        | 4.8     | 0.25      | 3.0            | 76  | -20-180 | -29-82 |

\*Elongation less than 2% at specified PIW

| Description     | Splicing Methods                          | Recommended Fasteners** |    |        |  |
|-----------------|---|-------------------------|----|--------|--|
|                 | op  | Clipper Alligator       |    | Staple |  |
| PVG 150H2 ZBb-1 | Finger-over-finger, Finger, Bias Stepped, |                         | 7  | 105    |  |
|                 | Skived Bias, Mechanical Fasteners         | 1SP or UX1SP            | 1  | 125    |  |
| PVG 150H2 ZFb-1 | Finger-over-finger, Finger, Bias Stepped, | 1SP or UX1SP 7          |    | 125    |  |
|                 | Skived Bias, Mechanical Fasteners         |                         | 1  | 120    |  |
| PVG 150H2 ZBb-2 | Finger-over-finger, Finger, Bias Stepped, | 1 or UX1                | 7  | N/A    |  |
|                 | Skived Bias, Mechanical Fasteners         |                         | 1  | IN/A   |  |
| PVG 220S2 ZNb-2 | Finger-over-finger, Finger, Bias Stepped, | N/A 25                  |    | N/A    |  |
|                 | Skived Bias, Mechanical Fasteners         | IN/A                    | 20 | IN/A   |  |
| PVG 120S1 ZBb-1 | Finger, Skived Bias,                      |                         |    | 125    |  |
|                 | Mechanical Fasteners                      | 1SP or UX1SP            | 1  | 120    |  |

\*\* Fastener manufacturer should be consulted to review specific belt and application information

Z-Belt Large



Ruff-Grip Profile

## Superior gripping power designed to last

- Ruff-Grip profile offers:
  - unique siped ridge provides superior gripping power
  - flexing over pulleys cleans out unwanted material
  - non-marking PVS compound
- · Ideal for conveying boxes, plastic, paper, corrugated cardboard and wood
- Innovative HPC<sup>™</sup>-constructed multi-plied carcass provides:
  - superior tracking in both directions
  - resistance to edge wicking and curling
  - flexibility over small pulleys
  - excellent adhesions on the belt edge
  - Thermo-Flo<sup>™</sup> splicing capabilities

| Description   | Plies | Working Tension |      | Approx. OAG Weight |     | ght         | COF     | Pulley Dia. |     | Temp. |        |       |
|---------------|-------|-----------------|------|--------------------|-----|-------------|---------|-------------|-----|-------|--------|-------|
|               |       | PIW*            | KN/m | in.                | mm  | Lbs./Sq.ft. | Kg/Sq.m | (approx.)   | ln. | mm    | °F     | °C    |
| PVS 150H2 RBb | 2     | 150             | 26   | 0.310              | 7.9 | 1.03        | 5.0     | 0.25        | 2.5 | 64    | 20-180 | -7-82 |

\*Elongation less than 2% at specified PIW

| Description   | Splicing Methods   | <b>Recommended Fasteners**</b> |           |        |  |  |
|---------------|--|--------------------------------|-----------|--------|--|--|
|               |  | Clipper                        | Alligator | Staple |  |  |
| PVS 150H2 RBb | Finger-over-finger, Finger, Bias Stepped,<br>Skived Bias, Mechanical Fasteners | 2 or U2                        | 20        | 125    |  |  |



### **GOODYEAR LIGHTWEIGHT CONVEYOR BELT.** MADE TO ORDER. MADE TO LAST.

The world of industry doesn't slow down for anybody. That's why you need conveyor belting that is designed to keep up - the kind of belting you get from Goodyear. Our most durable lightweight belts are strong because they utilize the same Triple-Warp<sup>™</sup> technology found in our underground/mining belts.

And, while many belts on the market are pre-made, Goodyear's are not. Our lightweight conveyor belts are custom manufactured. Everything from length, width and color, to compound and texture is driven by your exacting requirements. In addition, we offer a vast choice of fabrics, colors, carcass styles and profiles.

You want performance and value? Get your lightweight belts from Goodyear.

### **GOODYEAR. TECHNOLOGY IN MOTION.**



## Integrated manufacturing sets the pace for progress.

Goodyear manufactures lightweight conveyor belt using a fully-integrated process. Our innovative approach begins with our fully-equipped laboratory and testing facilities, located on site at our Spring Hope, North Carolina plant and our global technical center in Marysville, Ohio.

woven on site.

Our warehouse is organized to handle all functions, from shipping and receiving to packaging and storage. And, we stock the industry's top-selling products to help distributors exceed customer requirements as well as maximize inventory dollars.

Goodyear's leading edge belt making machinery is designed completely in house, undergoing continuous development and improvement. The heart of the conveyor belt - the fabric - is also predominantly

Because Goodyear manufactures your belt from start to finish, we can monitor progress every step of the way. That translates into added versatility and flexibility, allowing us to make changes quickly and efficiently. We're constantly developing new solutions to ensure that you get the best possible product on the market today.

#### Evolving to serve every industry on the planet.

Our extensive experience in a variety of industries includes up-to-date knowledge of your ever-changing needs. At Goodyear, we make it a priority to understand – and quickly respond – to the realities of your industry, whatever they may be.

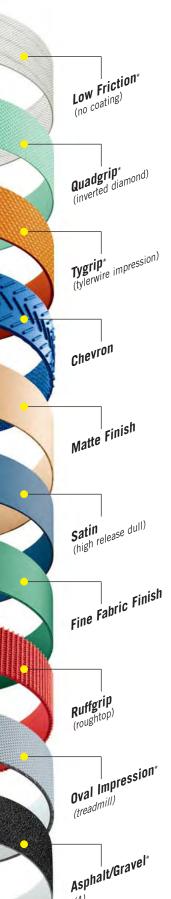




Health & Fitness

#### **Profiles and Surface Impressions**

## Custom-constructed to carry business full speed ahead.



\* Magnified to show texture



- Featuring HPC<sup>™</sup> Technology in two, three and four-ply construction.
- Excellent tracking performance and conveying qualities in flat and troughed applications.
- Outstanding resistance to edge wicking and curling.
- Exceptional splicing capabilities help you move your product with the least amount of downtime.

#### Multi-Plied Monofilament

Carcass

- Covers a broad range of precision applications.
- Transversely rigid, HPC<sup>™</sup> constructed belt permits the use of low energy drives and small pulley diameters in high-speed conveying conditions.
- European lightweight fabric design offers edgewear resistance, a low coefficient of friction fabric surface, and maximum flexibility in the warp direction.

#### **Single-Plied Interwoven**

- Constructed of high-quality spun polyester warp yarns that are interwoven and bound together with the weft yarns.
- The fusing and high impregnation of this interwoven carcass offers excellent fastener retention, tear resistance and low stretch qualities for general conveying.

### Advanced Performance Built Right In.

Goodyear's Homogenous Plied Construction (HPC<sup>™</sup>) opens the door to a world of long-lasting advantages. Allowing us to put up to 4 plies together in one pass, HPC Technology results in a

belt that will lay flat and provide excellent tracking, plus: • a more solid carcass

- less potential for delamination
- outstanding resistance to even the most
- rugged environments

Patented Triple-Warp<sup>™</sup> carcass. The keys to its strength are three independent warp cords, plus bybrid fill cords, that work together to increase overall abuse resistance. Along with first-class PVC cover compounds which protect against ripping, tearing, buckling, abrasion, impact and wear, our belts provide the ultimate in durability. strength and performance.

### Compounds

Goodyear Lightweight Belt uses a variety of innovative, thermoplastic-formulated compounds that provide outstanding advantages to all the industries we serve. Our high resin percentage compounds are designed to meet the most rigorous requirements of fabricating distributors.

#### RMV<sup>®</sup> Rubber Modified Vinvl

- FDA compliant materials with USDA certification.
- High-performance oil and fat resistant plastomer that resists animal fats, vegetable and mineral oils and many chemicals.
- RMV<sup>®</sup> also available in:
- RMS = Soft Durometer RMV®
- RMH = Hard Durometer RMV®
- Ideal replacement for rubber food belt with its improved versatility in Thermo-Flow<sup>™</sup> splicing and other state-of-the-art Melt-Weld<sup>™</sup> high quality fabrications.

#### $POR^{TM}$ Super Oil and Fat Resistance

- Available on interwoven carcass constructions.
- Manufactured with FDA approved compounds with USDA certification.
- Offers excellent value for processing food products in a variety of applications.

#### $OPH^{TM}$ Quiet Package Handling PVC

- Very quiet compound coupled with our low-noise whisper-weave fabrics.
- For operations where low noise level is required and reliable performance is mandatory.
- Constructed with HPC<sup>™</sup> Technology in multiplied and Interwoven Plus constructions.
- Excellent for use in postal facilities, parcel terminals, distribution warehousing, airports, automotive plants and lumber mills.

#### UMVS<sup>™</sup> Ultra Modified, Low Durometer Vinyl

- A very elastic cover compound providing a high coefficient of friction top surface.
- Surface under compression is excellent for incline conveying, capable of handling angles up to 45° in some applications.
- Perfect for conveying in distribution centers, airports, parcel handling facilities, printing and laundry facilities.

#### PKG Package Handling with MSHA Flame Retardant

- Premier package handling.
- Flame retardant.
- Meets ASTM D-378 flame test.
- Low stretch for operational efficiency.
- Superior tear resistance.
- Excellent fastener retention.
- Resists edge damage.

#### **PKIF** Package Handling with ISO Flame Retardant

• Combines ISO 340 flame retardancy with all of the fabric characteristics of the PKG.

#### CSA Underground Mining

- Meets Canadian standard M422-87 for underground mining.

#### $PVGE^{TM}$ Moderate Oil Resistance, Fire Retardant and Low Temperature, Static Dissipative

• Offers moderate oil resistance with excellent slider abrasion.

 Static dissipative compound - Meets OSHA requirements (300 megohms or less).

• Fire retardancy that meets MSHA test 30-18.65.

• Cold temperature characteristics to -20 F° under intermittent conditions.

• Ideal for conveying fertilizers, oily products, grains, wood products, animal feeds, agriculture and produce.

#### PVG/PVLT Moderate Oil Resistance. **Fire Retardant, Low Temperature**

 Similar to PVGE<sup>™</sup> except: - Not static dissipative - PVG rated to -20 F° intermittently - PVLT rated to -40 F° intermittently

#### **PVM Water Resistant**

• Identical to PVG, plus marine inhibitor.

#### **PVC Standard Interwoven PVC**

• High-molecular PVC formula provides durability and versatility.

• PVC also available in: - PVS = Soft Durometer PVC - PVH = Hard Durometer PVC

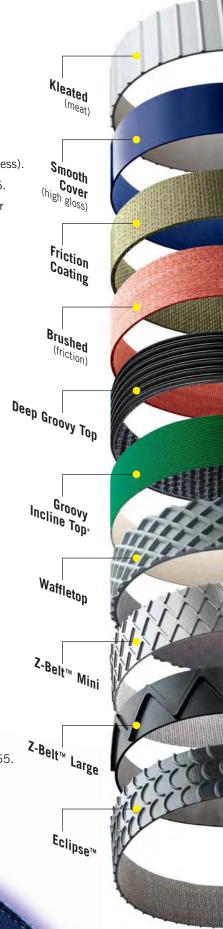
#### PVA<sup>™</sup> Static Dissipative Plied Monofilament PVC

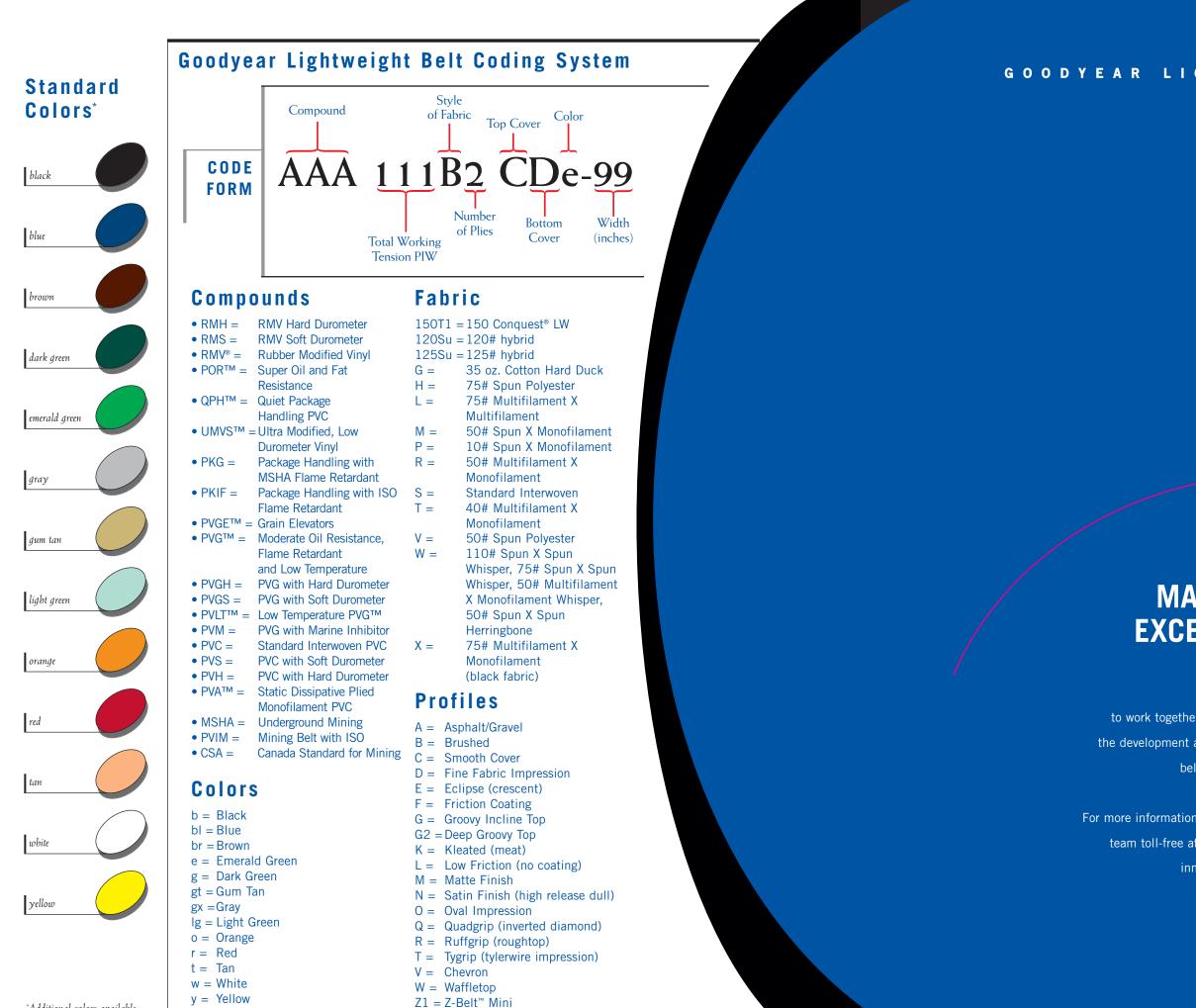
• PVA cover compound combined with static dissipative monofilament fabric keeps electric charge out of product being conveyed.

• Ideal for package handling, wood products. plastic parts, weigh scales, checkouts, treadmills and textiles.

#### MSHA Underground Mining

• Designed for use in underground coal mines. • Flame retardancy that meets MSHA test 30-18.65.





Z2 = Z-Belt<sup>™</sup> Large

\*Additional colors available

| GHTWEIGHT | CONVEYOR | BELT |
|-----------|----------|------|
|-----------|----------|------|

### **MOVING BEYOND** MARKET DEMANDS TO **EXCEED EXPECTATIONS.**

You can expect a highly coordinated team to work together on your business and apply specific skills to the development and manufacture of premium quality conveyor belting that goes beyond your highest standards.

For more information, call Goodyear's dedicated sales and support team toll-free at 1-888-LWT-BELT. Learn how we can use our innovative technology to move your world ahead.

