

Out of
the box

thinking

for Package
and Baggage
Handling
Conveying

GOOD YEAR
ENGINEERED PRODUCTS

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™ 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™ 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™ 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™-constructed multi-plyed 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 (approx.) | Pulley Dia. | | Temp. | |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|-----|--------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | 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** | | |
|----------------|---|-------------------------|-----------|--------|
| | | Clipper | Alligator | Staple |
| QPH 90WP CBb-S | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 1SP or UX1SP | 7 | 62 |
| QPH 110W FBb | Finger, Skived Bias, Mechanical Fasteners | 1XSP or UX1SP | 1 | 62 |
| QPH 120WP CBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 1 or UX1 | 7 | 125 |
| QPH 150W2 BBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 1 or UX1 | 7 | 125 |
| QPH 220WS BBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 2 or U2 | 25 | 187 |

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

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™ constructed multi-plyed 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 (approx.) | Pulley Dia. | | Temp. | |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|-----|--------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | 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 | Recommended Fasteners** | | |
|----------------|---|-------------------------|-----------|--------|
| | | Clipper | Alligator | Staple |
| PKG 200KSK LLb | Finger-over-finger, Finger, Bias Stepped, 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-plyed HPC™ 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 (approx.) | Pulley Dia. | | Temp. | |
|-----------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|----|--------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | In. | 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, Skived Bias, Mechanical Fasteners | 1XSP or UX1XSP | 1 | 62 |

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

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. OAG | | Weight | | COF (approx.) | Pulley Dia. | | Temp. | |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|-----|--------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | 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 | Recommended Fasteners** | | |
|---------------|--|-------------------------|-----------|--------|
| | | Clipper | Alligator | Staple |
| PVC 120S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 36 or UCM36 | 7 | 62 |
| PVC 120S1 CBb | Finger, Skived Bias, Mechanical Fasteners | 1 or UX1 | 7 | 125 |
| PVC 150S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 36 or UCM36 | 7 | 62 |
| PVC 150S1 CBb | Finger, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVC 200S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVC 200S1 CBb | Finger, Skived Bias, Mechanical Fasteners | 3 or U3 | 25 | 187 |

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



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™-constructed multi-ply 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. OAG | | Weight | | COF (approx.) | Pulley Dia. | | Temp. | |
|---------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|-----|---------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | 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 | Recommended Fasteners** | | |
|---------------|---|-------------------------|-----------|--------|
| | | Clipper | Alligator | Staple |
| PVS 100V2 RBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVS 150H2 RBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVS 220S2 RBb | Finger-over-finger, Finger, Bias Stepped, Skived Bias, Mechanical Fasteners | 4 or U4 | 27 | 187 |
| PVS 100S1 RBb | Finger, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVS 120S1 RBb | Finger, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| PVS 150S1 RBb | Finger, Skived Bias, Mechanical Fasteners | 3 or U3 | 25 | 187 |
| PVS 170S1 RBr | Finger, Skived Bias, Mechanical Fasteners | 4 or U4 | 27 | 187 |
| PVS 200S1 RBb | Finger, Skived Bias, Mechanical Fasteners | 4 or U4 | 27 | 187 |

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

USPS

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 (approx.) | Pulley Dia. | | Temp. | |
|----------------|-------|-----------------|------|-------------|-----|-------------|---------|------------------|-------------|-----|--------|-------|
| | | PIW* | KN/m | in. | mm | Lbs./Sq.ft. | Kg/Sq.m | | In. | 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** | | |
|----------------|--|-------------------------|-----------|--------|
| | | Clipper | Alligator | Staple |
| USPS 120S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 1 or UX1 | 7 | 125 |
| USPS 150S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 2 or U2 | 20 | 125 |
| USPS 200S1 FBb | Finger, Skived Bias, Mechanical Fasteners | 4 or U4 | 27 | 187 |

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

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