

# Monoflex GP 312

03-035 | Technical Data Sheet



## Technical Information

|                                 |                 |
|---------------------------------|-----------------|
| Plies                           | 3               |
| Overall Thickness               | .179"           |
| Tensile Force                   | 91# @ 1%        |
| in N/mm                         | 16              |
| Standard Tension                | .5%             |
| Min. Pulley                     | 4.6"            |
| Min. Back Flex                  | 5.5"            |
| Weight                          | 1.10 Lbs/SF     |
| Product Operational Temp. Range | 5° to 176° F    |
| Hardness                        | 80 Duro Shore A |
| Max. Width                      | 118"            |

## Material Construction

### Conveying Surface

|               |              |
|---------------|--------------|
| Compound      | PVC          |
| Cover Surface | .027" Smooth |
| Color         | Dark Green   |

### Underside

|                         |                         |
|-------------------------|-------------------------|
| Fabric                  | Multifilament Polyester |
| Bottom Surface          | .037" Diamond           |
| Coefficient of Friction | .3                      |

## Standard Fabrications

|                         |     |
|-------------------------|-----|
| Longitudinal Splice     | Yes |
| Guide Applied to Cover  | Yes |
| Sidewalls               | Yes |
| Edge Capped             | No  |
| Cleats                  | Yes |
| Guide Applied to Bottom | Yes |
| Mechanical Lacing       | Yes |

## Features

|                       |     |
|-----------------------|-----|
| FDA                   | No  |
| Anti-Microbial        | No  |
| Anti-Static           | No  |
| Flame Retardant       | No  |
| Cross Rigid           | Yes |
| Troughing             | No  |
| Curve Belt Compatible | No  |

# Monoflex GP 312

03-035 | Splicing Instructions

## High Speed Press Settings

|                |             |
|----------------|-------------|
| Pressure       | No Settings |
| Temp. Top      |             |
| Temp. Bottom   |             |
| Dwell Time     |             |
| Foil Position  |             |
| Foil           |             |
| Release Top    |             |
| Release Bottom |             |

## Water Cooled Press Settings

|                |            |
|----------------|------------|
| Pressure       | 45 PSI     |
| Temp. Top      | 285° F     |
| Temp. Bottom   | 285° F     |
| Dwell Time     | 35 Minutes |
| Foil Position  | N/A        |
| Foil           | N/A        |
| Release Top    | Matte      |
| Release Bottom | TFE        |



Scan for splicing demo video

## Compatible Splices

### Endless Splices

|                  |     |
|------------------|-----|
| Step Splice      | Yes |
| Straight Finger  | No  |
| Split Finger     | Yes |
| Bias Finger      | Yes |
| Skive            | No  |
| Finger Over Step | Yes |
| Step Over Finger | Yes |
| Electrode        | No  |
| Butt Weld        | No  |
| Lock Lap         | No  |

### Mechanical Splices

|                |     |
|----------------|-----|
| Clipper        | Yes |
| Alligator      | Yes |
| Staple         | Yes |
| Minet          | Yes |
| Plastic Spiral | No  |
| Plastic Rivet  | No  |
| Plastic Hinge  | Yes |
| Super Screw    | No  |
| Bolt Hinge     | No  |
| Rivet Hinge    | No  |

### Sparks Specialty Splices

|                 |     |
|-----------------|-----|
| Hidden          | Yes |
| Hybrid          | No  |
| Trailing Flap   | Yes |
| VT              | No  |
| Hybrid VT       | No  |
| 7/11            | No  |
| Urethane Top    | Yes |
| Urethane Bottom | Yes |
| Urethane Splash | No  |