

# Vulcanized Splice Guide

| FINGER SPLICE DIMENSIONS |                    |                  |                                 |                        |                          |                         |
|--------------------------|--------------------|------------------|---------------------------------|------------------------|--------------------------|-------------------------|
| Belt PIW Rating          | Finger Length (in) | Finger Base (in) | Transition Length Each End (in) | Pull-Back One End (in) | Total Splice Length (in) | Total Press Length (in) |
| 220                      | 14                 | 2                | 2                               | 1                      | 19                       | 27                      |
| 330                      | 18                 | 2                | 2                               | 1.5                    | 23.5                     | 31.5                    |
| 440                      | 22                 | 2                | 2                               | 2                      | 28                       | 36                      |
| 550                      | 24                 | 2                | 2                               | 2                      | 30                       | 38                      |
| 660                      | 28                 | 2                | 2                               | 2.5                    | 34.5                     | 42.5                    |
| 800                      | 34                 | 2                | 2                               | 3                      | 41                       | 49                      |
| 1000                     | 45                 | 2                | 2                               | 3.5                    | 52.5                     | 60.5                    |
| 1250                     | 55                 | 2                | 2                               | 4.5                    | 63.5                     | 71.5                    |
| 1500                     | 63                 | 2                | 2                               | 5                      | 72                       | 80                      |
| 2000                     | 90                 | 2                | 2                               | 6                      | 100                      | 108                     |

| PLIED BELTING STEP SPLICE DIMENSIONS |              |                  |                     |  |                          |
|--------------------------------------|--------------|------------------|---------------------|--|--------------------------|
| Belt PIW Rating                      | No. of Steps | Step Length (in) | Fill-in Length (in) | Overall Splice Length (in)<br>w/o Bias Angle | Total Splice Length (in) |
| 2-220                                | 1            | 8                | 4                   | 12   | 18                       |
| 3-240                                | 2            | 6                | 4                   | 16   | 22                       |
| 2-250                                | 1            | 10               | 4                   | 14   | 20                       |
| 2-300                                | 1            | 12               | 4                   | 16   | 22                       |
| 3-330                                | 2            | 8                | 4                   | 20   | 26                       |
| 3-375                                | 2            | 10               | 4                   | 24   | 30                       |
| 2-400                                | 1            | 15               | 4                   | 19   | 25                       |
| 4-440                                | 3            | 8                | 4                   | 28   | 34                       |
| 3-450                                | 2            | 12               | 4                   | 28   | 34                       |
| 2-500                                | 1            | 18               | 4                   | 22   | 28                       |
| 4-500                                | 3            | 10               | 4                   | 34   | 40                       |
| 5-550                                | 4            | 8                | 4                   | 36   | 42                       |
| 2-600                                | 1            | 20               | 4                   | 24   | 30                       |
| 3-600                                | 2            | 15               | 4                   | 34   | 40                       |
| 4-600                                | 3            | 12               | 4                   | 40   | 46                       |
| 3-750                                | 2            | 18               | 4                   | 40   | 46                       |
| 5-750                                | 4            | 12               | 4                   | 52   | 58                       |
| 4-800                                | 3            | 15               | 4                   | 49   | 55                       |
| 3-900                                | 2            | 20               | 4                   | 44   | 50                       |
| 4-1000                               | 3            | 18               | 4                   | 58   | 64                       |
| 5-1000                               | 4            | 15               | 4                   | 64   | 70                       |
| 4-1200                               | 3            | 20               | 4                   | 64   | 70                       |
| 5-1250                               | 4            | 18               | 4                   | 76   | 82                       |
| 3-1500                               | 2            | 30               | 12                  | 72   | 78                       |
| 5-1500                               | 4            | 20               | 4                   | 84   | 90                       |
| 4-2000                               | 3            | 30               | 12                  | 102  | 108                      |