

# TECHNICAL DATA

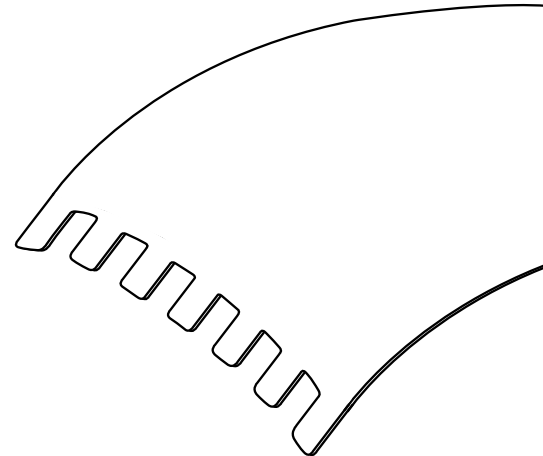


INVISIBLE  
FLEXIBLE SPLICE™

## TECHNICAL DATA

The new IFS™ is available in 4 levels of thickness to suit the majority of belts and most applications! It is delivered in 1175 mm (46") length.

| Belt thickness (mm)             | Tension |     |
|---------------------------------|---------|-----|
|                                 | N/mm    | PIW |
| 1.5 to 2.4 mm (1/16" to 3/32")  | 8       | 46  |
| 2.5 to 3.4 mm (3/32" to 9/64")  | 12      | 69  |
| 3.5 to 4.9 mm (9/64" to 13/64") | 20      | 114 |
| 5 to 6 mm (13/64" to 15/64")    | 20      | 114 |



Choose your IFS™ in the product range below

| PVC                                |             | Minimum pulley Ø |                    | Colors                 |                                   |                               |                              |                       |                                  |
|------------------------------------|-------------|------------------|--------------------|------------------------|-----------------------------------|-------------------------------|------------------------------|-----------------------|----------------------------------|
| Belt thickness                     | Sliding bed | mm               | Inch               | Ocean blue<br>RAL 5020 | Brilliant blue<br>FDA<br>RAL 5007 | Graphite<br>black<br>RAL 9011 | Emerald<br>green<br>RAL 6001 | Fir green<br>RAL 6009 | Traffic white<br>FDA<br>RAL 9016 |
| 1.5 to 2.4 mm<br>(1/16" to 3/32")  | Without     | 60               | 2 <sup>23/64</sup> | 2910519                | 2910516                           | 2910513                       | 2910504                      | 2910511               | 2910509                          |
|                                    | With        |                  |                    | 2910535                | 2910534                           | 2910536                       | 2910538                      | 2910537               | 2910533                          |
| 2.5 to 3.4 mm<br>(3/32" to 9/64")  | Without     | 100              | 3 <sup>15/16</sup> | 2910542                | 2910541                           | 2910543                       | 2910545                      | 2910544               | 2910540                          |
|                                    | With        |                  |                    | 2910548                | 2910547                           | 2910549                       | 2910551                      | 2910550               | 2910546                          |
| 3.5 to 4.9 mm<br>(9/64" to 13/64") | Without     | 120              | 4 <sup>23/32</sup> | 2910554                | 2910553                           | 2910555                       | 2910556                      |                       | 2910565                          |
|                                    | With        |                  |                    | 2910559                | 2910558                           | 2910560                       | 2910562                      | 2910561               | 2910557                          |
| 5 to 6 mm<br>(13/64" to 15/64")    | Without     | 120              | 4 <sup>23/32</sup> | 2910564                | 2910518                           |                               |                              |                       | 2910563                          |
|                                    | With        |                  |                    | 2910520                |                                   | 2910514                       | 2910503                      | 2910512               | 2910510                          |

| PU                                 |             | Minimum pulley Ø |                    | Colors            |                       |                       |
|------------------------------------|-------------|------------------|--------------------|-------------------|-----------------------|-----------------------|
| Belt thickness                     | Sliding bed | mm               | Inch               | Sky blue RAL 5015 | Signal white RAL 9003 | Signal black RAL 9004 |
| 1.5 to 2.4 mm<br>(1/16" to 3/32")  | Without     | 60               | 2 <sup>23/64</sup> | 2910515           | 2910521               |                       |
|                                    | With        |                  |                    | 2910524           | 2910523               | 2910568               |
| 2.5 to 3.4 mm<br>(3/32" to 9/64")  | Without     | 100              | 3 <sup>15/16</sup> | 2910528           | 2910527               |                       |
|                                    | With        |                  |                    |                   | 2910529               | 2910567               |
| 3.5 to 4.9 mm<br>(9/64" to 13/64") | Without     | 120              | 4 <sup>23/32</sup> |                   | 2910517               |                       |
|                                    | With        |                  |                    |                   | 2910531               | 2910566*              |

\* Special optical sorting «95 shores»



# INVISIBLE FLEXIBLE SPLICE™

PATENTED PRODUCT  
MADE IN FRANCE

| Sliding bed<br>top/bottom |                                   | Mimimum<br>pulley Ø |                    | Colors                     |                   |
|---------------------------|-----------------------------------|---------------------|--------------------|----------------------------|-------------------|
| Belt thickness (mm)       |                                   | mm                  | Inch               | Traffic white FDA RAL 9016 | Signal white 9003 |
| PVC                       | 1.5 to 2.4 mm<br>(1/16" to 3/32") | 60                  | 2 <sup>23/64</sup> | 2910539                    |                   |
|                           | 2.5 to 3.4 mm<br>(3/32" to 9/64") | 100                 | 3 <sup>15/16</sup> | 2910552                    |                   |
| PU                        | 1.5 to 2.4 mm<br>(1/16" to 3/32") | 60                  | 2 <sup>23/64</sup> |                            | 2910526           |

## PACKAGING

### Per unit

The kit includes :

- one IFS™ junction cut to length 1175 mm (46")
- acetal and stainless steel pins included



## Option

Pulling kit for large widths

Ref : 4990019

Please consult us.



Distributor logo

 **MLT GROUP**  
Conveyor Solutions Expert

[www.mltgroup-conveyor.com](http://www.mltgroup-conveyor.com) - [info@mltgroup-conveyor.com](mailto:info@mltgroup-conveyor.com)