



# REG-LAG FG SHEET PULLEY LAGGING

60 Duro | Food Grade | FDA Compliant | Diamond Profile | CN Bonding Layer

## FEATURES

REG-LAG FG Sheet Pulley Lagging is a white food grade wear resistant 60 Duro blended Natural and Nitrile rubber sheet designed for use as a rubber lagging on conveyor pulleys on conveyor systems. It has food, plant and animal based oil and fat resistance and is FDA compliant, per 21 CFR 177.2600, making it approved for repeated and long term contact with food.

It has good resistance to wet and dry abrasion and will flex against the conveyor belt, shedding excess material and reducing build-up, whilst reducing wear on the conveyor belt itself.

REG-LAG FG Sheet Pulley Lagging is hygienic, non-toxic, non-marking and non-allergenic. It has a diamond profile surface for shedding water away from the pulley. This increases the coefficient of friction between the drive pulley and conveyor belt, increasing grip and reducing slippage, improving drive and tracking of the conveyor belt.

REG-LAG FG Sheet Pulley Lagging is supplied with a specially formulated neoprene based CN Bonding Layer to achieve ultimate adhesion when bonded to steel pulley surfaces. To achieve this maximum bond strength, the TRS range of cold vulcanising adhesives is recommended.

The CN bonding layer and TRS adhesive system is extremely flexible and allows a good bond strength to be achieved even in adverse conditions often encountered when application is occurring on site and on operational equipment.

## TECHNICAL INFORMATION

|                    |                                 |                      |
|--------------------|---------------------------------|----------------------|
| Polymer            | NR / NBR                        |                      |
| Colour             | White with CN bonding layer     |                      |
| Specific Gravity   | 1.15                            | ASTM D297            |
| Hardness           | 60° ± 5° Shore A                | ASTM D2240           |
| Abrasion           | 250 mm <sup>3</sup> (max) @ 10N | ASTM D5963           |
| Tensile Strength   | 10 MPa (min)                    | ASTM D412            |
| Elongation @ Break | 500% (min)                      | ASTM D412            |
| Tear Strength      | 40 N/mm (min)                   | ASTM D624            |
| Resilience         | 30% (min)                       | ASTM D2632           |
| Volume Swelling    | +120% (max)                     | In Fuel B/ASTM Oil 3 |
| Temperature Range  | -20°C to +70°C                  |                      |

## AVAILABLE SIZES

**STANDARD THICKNESS (T)** 6mm, 8mm

**STANDARD ROLL SIZE** 1200mm x 10mtrs (6mm)  
1500mm x 10mtrs (8mm)

Cut lengths and custom shapes are available upon request



## APPLICATIONS

REG-LAG FG Sheet Pulley Lagging has been designed primarily for use as a lagging of conveyor belt pulleys to increase grip and reduce wear and corrosion of the pulley shell.

REG-LAG FG Sheet Pulley Lagging can be applied to conveyor drive, tail or bend pulleys and is designed for use in medium belt tension applications.

It is mainly used for conveyor system applications in the food storage, handling and processing industries but can be used on conveyor pulleys in any application which requires an oil resistant, hygienic, non-toxic, non-marking pulley lagging.

REG-LAG Sheet Lagging is supplied as a roll 1200mm and 1500mm wide, ready for easy application to the pulley in a single sheet.



**CN bonding layer**



**TRS adhesives recommended**



**Sheet conforms to FDA regulations 21 CFR 177.2600**

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## DIAMOND PROFILE

