



CONVEYOR  
ACCESSORIES

# CLIMAFLEX® IMPACT SOLUTIONS



ISO 9001 : 2015 Certificate 33368  
ISO 14001 : 2015 Certificate 49158  
OHSAS 18001 : 2007 Certificate 49159



NIGHT SYS  
RVA C 048

OCEAN RUBBER FACTORY LLC N.26-30, Al Ghail Industrial Park, Ras Al Khaimah P.O. Box 6637,  
General enquiries: +971 6 5344 110 [www.ORF.ae](http://www.ORF.ae) [info@ORF.ae](mailto:info@ORF.ae)

OCEAN RUBBER FACTORY LLC

# CLIMAFLEX®

## IMPACT CRADLES

### BENEFITS

- ◆ Protect the belt & the structure in the loading area.
- ◆ Improves belt tracking and Skirt rubber life.
- ◆ Reduce belt sagging by supporting the belt edges.
- ◆ Prevents/Reduces spillage.
- ◆ Ensures a better dust sealing.

**IMPACT PAD**  
Absorbs impact energy

**TOP COVER**  
Low friction, wear & impact resistant polymer top layer

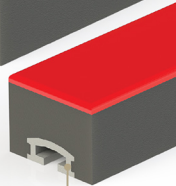
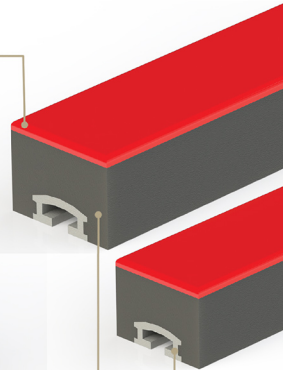
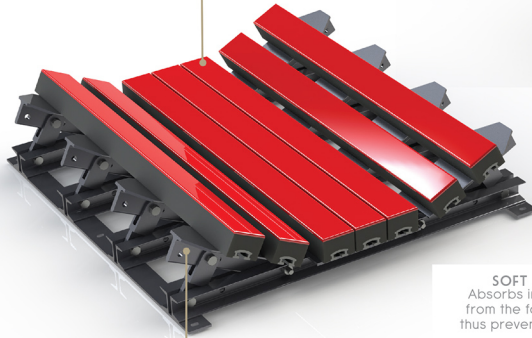
**SOFT RUBBER CORE**  
Absorbs impact energy from the falling material thus preventing damages

**IMPACT CRADLE**  
Modular design with foldable sides for quick and easy installation and replacement

**STD ALUMINIUM PROFILE**  
Extruded aluminium profile for quick & safe installation



Impact Cradle Option with Impact Rollers at the Centre & Impact Pads at the Sides



## ARMORED® IMPACT PADS

ARMORED Impact pads are designed to protect the conveyor belt & conveyor structure in the loading area. It offers excellent protection not only for the belt but also for the entire conveyor structure by effectively absorbing the impact energy within the loading area. The self lubricating, impact resistant, low friction hard polymer top layer, ensures minimal belt wear, at the same time offering very little drag. The soft rubber core absorbs the impact energy from the falling material, thus minimizing impact damage to the belt and conveyor structure. These pads are also equipped with an extruded arched aluminium profile to add rigidity while offering for quick & safe installation.

## SELECTION GUIDE

**Step 1** : Calculate the Largest Lump Weight among the aggregate.

**Step 2** : Measure the Fall Height of the lump to the belt.

**Step 3** : Calculate the Impact Energy using the following formula

$$\text{Impact Energy} = \text{Max. Lump weight (Newton)} \times \text{Fall Height (meter)}$$

ORF offers three grades of Impact pads according to the severeness of the impact:

**CEMA CLASS L**- Light Duty [Impact Energy: < 271 J]

**CEMA CLASS M**- Medium Duty [Impact Energy: 271 to 1356 J]

**CEMA CLASS H**- Heavy Duty [Impact Energy: 1356 to 2710 J]

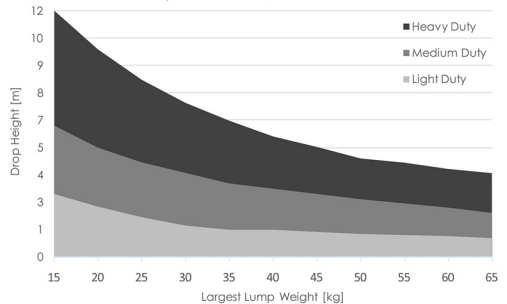
## SPECIFICATIONS

Width: 100mm

Height: 50mm [Light Duty], 75mm [Medium Duty] & 100mm [Heavy Duty]

Length: 1220 and 1500 mm

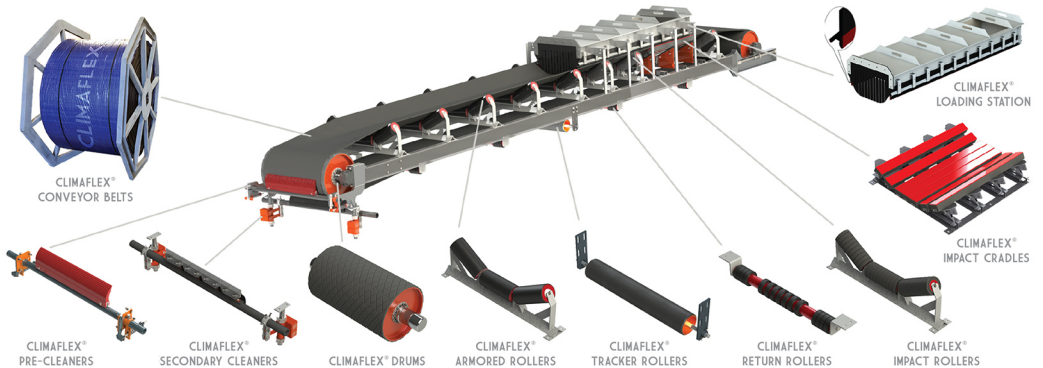
Impact Pads Selection Chart



## OCEAN RUBBER FACTORY

Ocean Rubber Factory is the Middle East's leading supplier of technical rubber products. With over 500 employees across four countries and eight factories on two production sites, ORF supplies customers with innovative, quality solutions. ORF has been raising industry standards for decades, ensuring perfection in every detail.

Conveniently located at the cross-roads of Asia, the Middle East and Africa, ORF has a network of distributors and partners across the MENA region. With incredible infrastructure for transportation from the UAE, Ocean Rubber can provide customers with optimal delivery speed while ensuring a superior level of service, across every touch point.



### OCEAN RUBBER FACTORY LLC - UNITED ARAB EMIRATES

Tel. +971 7 202 3888 / Fax: +971 7 258 4556 P.O. Box 6637, N.26-30, Al Ghail Industrial Park, Ras Al Khaimah

GENERAL ENQUIRIES: +971 6 5344 110

[WWW.ORF.AE](http://WWW.ORF.AE)

[INFO@ORF.AE](mailto:INFO@ORF.AE)