

ORIENTAL

CONVEY | ALL | THE | WAY



HARDWARE

FOR

SOFTWARE

DUROMAXX[®]
Rubber Sheets

Product Feature:

ORIENTAL's wide range of **DURO MAXX**® Sheets made out of Natural rubber and Synthetic rubber, are available in varying colours, thicknesses & widths. The **DURO MAXX**® range can be supplied with our special bonding layer. When used in dynamic and impact applications, we recommend customers to use our products with the bonding layer since it provides a higher bond strength between the rubber and the steel surface due to its unique formulation.

The **DURO MAXX**® range of rubber sheets are designed to provide wear protection and are used in the following applications:

- **Chute & Hopper Lining:** To protect metal from wear and suppress noise and vibration
- **Pulley Lagging:** To enhance traction between the drive pulley and the belts, and thereby reduce slippage in pulleys. With the use of high quality compounds and our design profiles, our rubber lagging provides superlative performance
- **Scraper:** To eliminate material build up on conveyor, our special COMBI Scraper rubber is excellent for wet cleaning of belts at discharge end of the conveyor
- Skirt Rubber to prevent spillage of material along the length of the Conveyor and prevent damage to the conveyor belt due to scouring of covers
- **Pipe Lining:** For wet slurries conveying abrasive materials
- **Deck Lining and Flooring:** Used to line dumper truck beds to provide outstanding impact protection and thereby enhance dumper bed life. Flooring applications include for industrial, equine and agricultural use.

Over the years, Oriental has developed several wear rubber compounds which have proven to excel in the field. Our expertise in compounding and processing technology have resulted in customer specific solutions.

Product Characteristics:

Width	: 1400 mm for all coloured sheets: all thickness 1400 mm for all Black sheets: all thickness 2000 mm for all Black sheets > 10 mm thickness
Thickness	: 1.5 mm to 50 mm (1/16" to 2")
Roll Length	: 5 M / 10 M standard. (Longer rolls on customer request are possible)
Bonding Layer	: With or without bonding layer possible
Dual Property	: ORIENTAL offers Heat + Fire Resistant, Fire + Oil Resistant, Heat + Oil Resistant DURO MAXX ® sheets for specific application on request.



Your
wear partner
for
maximum
durability



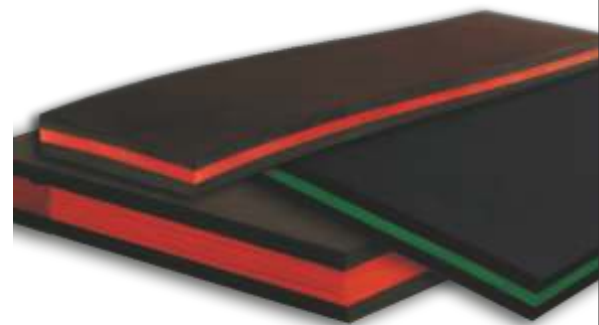
Pipe Lining

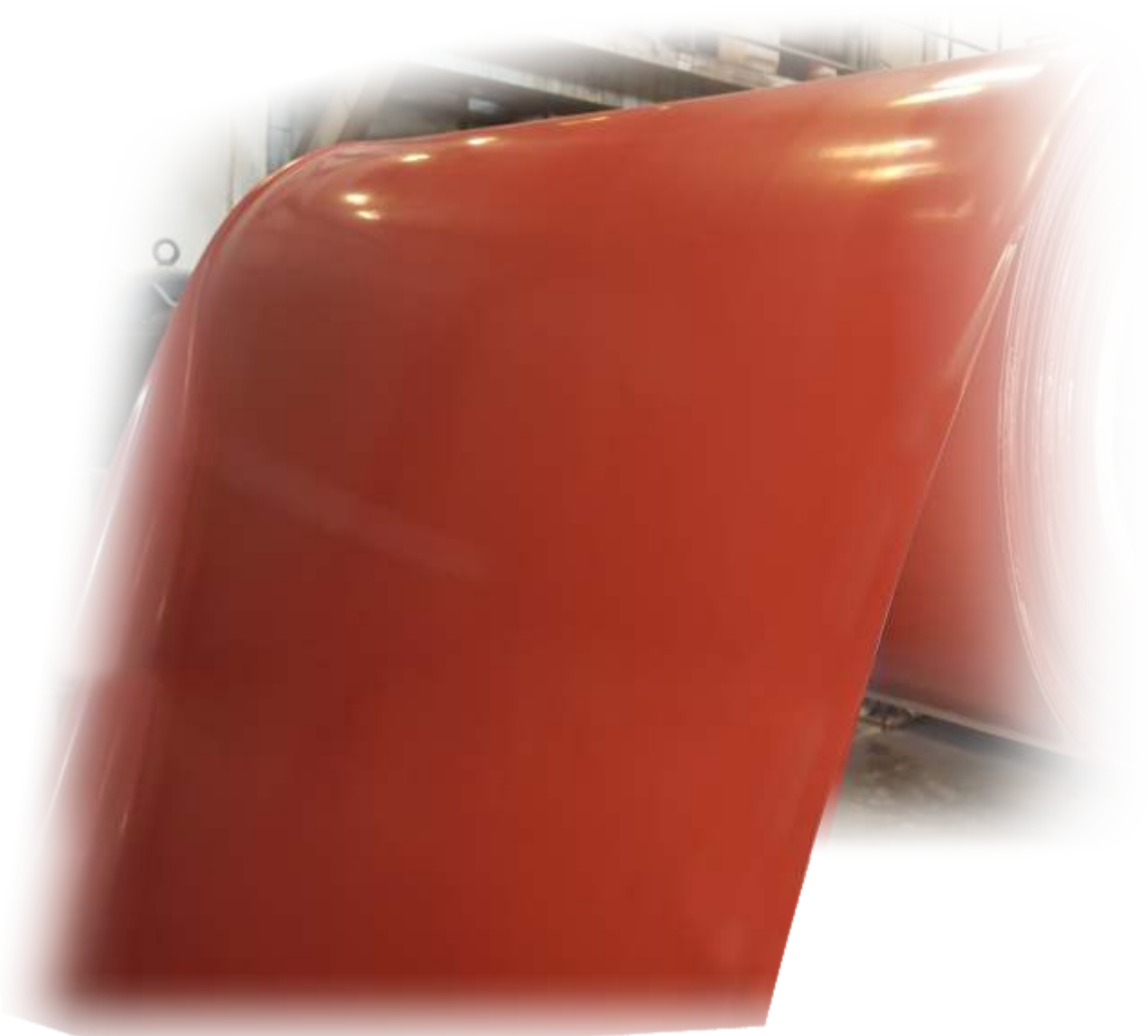
DURO MAXX® Selection Chart

Sr. No.	Sheet Type	Properties					Product Feature	Application Area
		Colours	Hardness Range, Shore A	Specific Gravity	Minimum Tensile Strength (kg/cm ²)	Minimum Elongation at Break (%)		
1	Wear Resistant	Mainly Black	60 - 80	1.10 - 1.20	220 - 120	400	Available in grades with abrasion resistance below 60 / 100/ 120/ 150/ 200 mm ³	Chute Lining, Mill Lining, Pulley Lagging for Non Drive and other Pulleys etc.
2	Soft Wear Resistant	Beige, Orange, Pinkish Red, Red, Green, Black	35 - 50	0.98 - 1.20	220 - 150	450	Superior wet wear resistance.	Ideal for chute lining and wet slurry handling to prevent erosion of metal surfaces. Also used for pulley lagging for providing superior wet traction.
3	Fire Resistant	Mainly Black	60 - 80	1.20 - 1.60	150 - 100	350	To reduce fire hazards in fire resistant application.	Pulley lagging for fire resistant belts, fire protective antistatic flooring. Low smoke, self extinguishing sheets for underground mines.
4	Oil Resistant	Mainly Black	60 - 75	1.12 - 1.30	180 - 120	350	Depending upon severity of Oil contamination, Sheets with 100%, 65%, 50%, 15% Nitrile are available.	Used for lining applications where material handled has high oil content, including tank lining. Also suitable for certain chemical / corrosive applications.
5	Heat Resistant	Mainly Black	60 - 75	1.12 - 1.20	200 - 100	350	These are basically for three operating ranges ; HRT1-- 100°C -125°C, HRT2-- 125°C - 150°C, HRT3-- 150°C-200°C	Conveyor Pulley Lagging for high heat application, Heat Insulation layer for Presses etc.
6	Weather Resistant	Mainly Black	40 - 70	1.25 - 1.60	200 - 120	350	Depending upon severity of Weather Resistance property requirement, CR dosage varies from 100% to 10%.	Chloroprene Rubber (CR) Based Weather Resistant sheets are mainly used in Marine and out door applications
7	Chemical Resistant	Mainly Black	50 - 60	1.40 - 1.60	120 - 100	400	Butyl or Halobutyl based sheets are designed to provide chemical resistance.	Chemical Tank lining
8	Commercial Sheet	Mainly Black	50 - 80	1.35 - 1.80	80 - 40	250	Economical Grade for multi purpose use where Wear and Tear is not critical.	General industrial use
9	Skirt Rubber	Mainly Black, Red and Green	50 - 60	1.20 - 1.30	150 - 120	300	Designed to prevent material spillage and preserve belt cover life.	Skirt Rubber on Conveyor application.
10	Combi Sheet	Black - (Red, Green or Orange - inside) - Black	70 - 50 - 70	1.15 - 1.25	150 - 120	350	Sandwich of soft colour rubber between hard black rubber sheets plays a unique role of belt surface cleaning.	Scraper

Note:

Oriental offers sheets in unvulcanised form for on site curing. Please let us know your application and we will be pleased to recommend the appropriate rubber grade. Sheets are supplied upto 1200 mm wide, duly protected for transit and ease of application.





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Wear Resistant



Heat Resistant



Fire Resistant



Oil Resistant

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 Rubber Sheets

