

DURATUF[®]
INDUSTRIAL RUBBER PRODUCTS EXPERT...



MINIMUM STRESS
MAXIMUM
UPTIME

www.duratufproducts.com

ABOUT DURATUF

Experience The Ease Of Ordering

 **13** Years of Business

 **47** Countries Exported

 **3023** Happy Customers

 **10327** Successful Projects



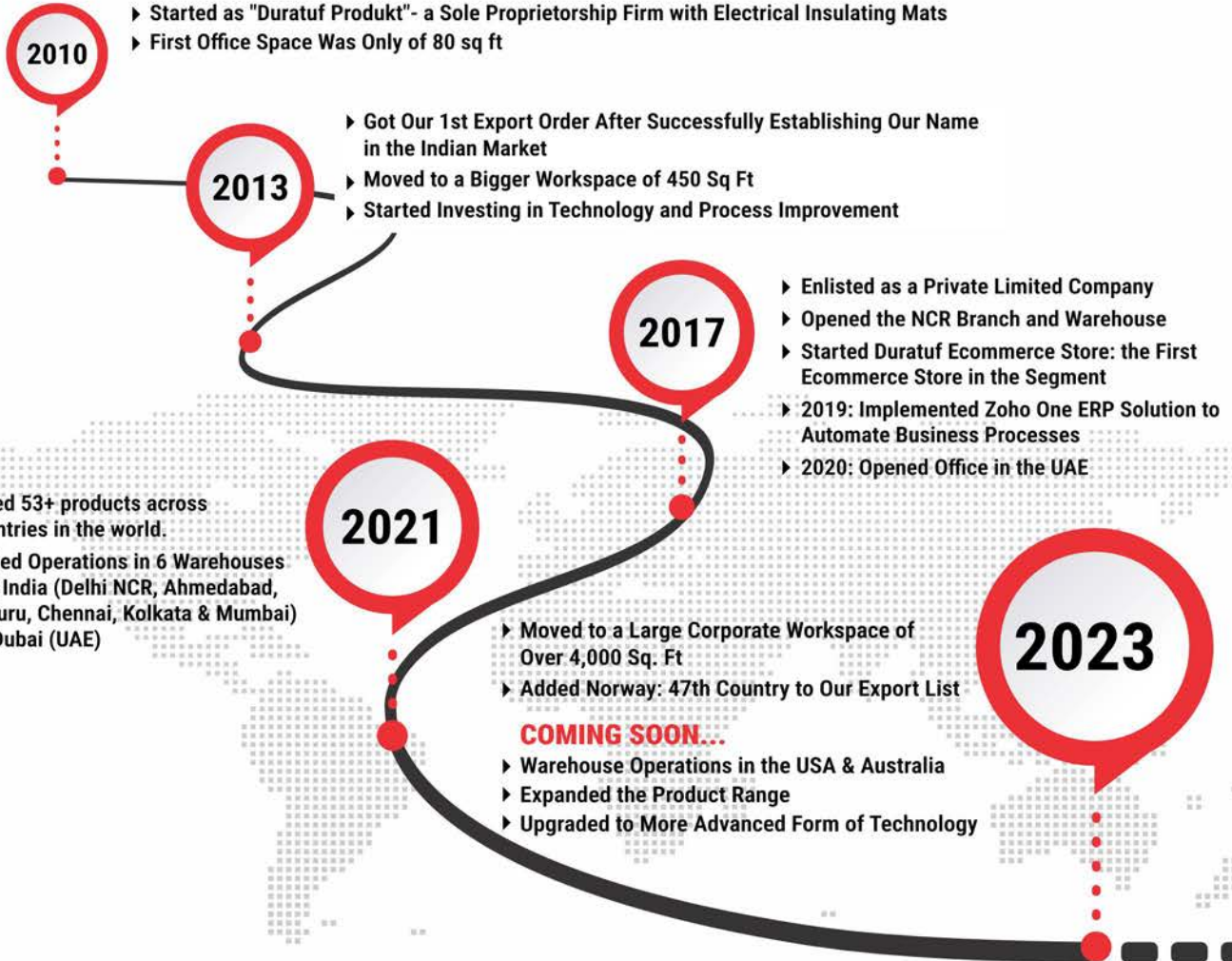
Led by our visionary **CEO Mr. Aayush Kejriwal with 17+ years of experience** in the rubber industry.

WHY CHOOSE US?

-  Consultancy Services By The Industry Experts
-  Design Your Conveyor Belt (belt customization)
-  Focused On Boosting Your ROI
-  Pan India & Global Presence Ensuring Speedy Delivery
-  Quick Response Within 60 Minutes



OUR JOURNEY



CERTIFICATIONS & MEMBERSHIPS



DURATUF[®]

GENERAL PURPOSE CONVEYOR BELTS



Efficient Material
Conveying Solution

Duratuf General Purpose Conveyor Belts are suitable for conveying a range of less abrasive materials like food grains or wood chips to highly abrasive materials like sharp lumps/Fines of iron ore, copper etc. Belts are manufactured as per applicable National and International Standards.

Major Industry Segment :

Cement

Quarry & Mining

Steel

Port with Bulk Terminal

Duratuf MaxGuard

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion Loss (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)	Adhesion Cover to Ply (N/mm)
Extreme Abrasion, Superior Resistance to Cutting & Tearing	24	450	120	60+/-5	3	4.4	4

Duratuf Guardian

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion Loss (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)	Adhesion Cover to Ply (N/mm)
High Abrasion, Superior to Cutting & Tearing	17	450	200	60+/-5	3	4.4	4

Duratuf LiteGuard

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion Loss (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)	Adhesion Cover to Ply (N/mm)
Resistance to Cutting & Gouging. Flexible at lower temperature	12	400	250	60+/-5	3	4.4	4

COVER GRADE SELECTION CHART

Sl. No.	Cover Grade	Applicable Standards	Minimum Tensile Strength (MPa)	Minimum Elongation at Break (%)	Max Abrasion Loss (mm ³)	Application Characteristics	Reference Materials
1	DIN-X	DIN 22102	25	450	120	Suitable to convey moderately sharp & abrasive material with cut & gouge property under heavy duty applications	Iron ore, Coal, Lignite, Copper, Limestone, Blast Furnace Slag, Stone, Rock etc
2	DIN Z	DIN 22102	15	350	250	Suitable to convey less Abrasive and Smaller Lump & Fine material	Sand, Cement, Slacked Lime, Wood Chips, Pulp (Dry)
3	DIN Y	DIN 22102	20	400	150	Suitable to convey moderately sharp & abrasive material under medium duty applications	Coal, Lignite, Limestone, Gypsum, Potash etc.
4	DIN-W	DIN 22102	18	400	90	Highly Abrasive materials with Cut & Gouge property	Sharp big lumps of Iron Ore, Rock Phosphate etc.
5	RMA2	RMA	14	400	200	Suitable to convey less Abrasive and Smaller Lump & Fine material	Sand, Cement, Slacked Lime, Wood Chips, Pulp (Dry)
6	RMA1	RMA	17	400	150	Suitable to convey moderately sharp & abrasive material under medium duty applications	Coal, Lignite, Limestone, Gypsum, Potash etc.
7	ARPM RMA2	ARPM	14	400	175	Suitable to convey less Abrasive and Smaller Lump & Fine material	Sand, Cement, Slacked Lime, Wood Chips, Pulp (Dry)
8	AS-N	ISO 10247	17	400	200	Suitable to convey less Abrasive and Smaller Lump & Fine material	Sand, Cement, Slacked Lime, Wood Chips, Pulp (Dry)
9	AS-M	AS 1332	24	450	125	Suitable to convey moderately sharp & abrasive material with cut & gouge property under heavy duty applications	Iron ore, Coal, Lignite, Copper, Limestone, Blast Furnace Slag, Stone, Rock etc
10	IS-N	Is1891 (Latest) Part1	17	400	150	Suitable to convey less Abrasive and Smaller Lump & Fine material	Sand, Cement, Slacked Lime, Wood Chips, Pulp (Dry)
11	IS-M24	IS 1891 (Latest) Part 1	24	450	150	Suitable to convey moderately sharp & abrasive material with cut & gouge property under heavy duty applications	Iron ore, Coal, Lignite, Copper, Limestone, Blast Furnace Slag, Stone, Rock etc

DURATUF[®] HEATGUARD CONVEYOR BELTS



Withstands Harsh
Temperature Extremes
Resiliently

Duratuf Heat Resistant Belts undergoes stringent process & quality control check, followed by rigorous testing to offer unmatched capability to sustain under high-temperature applications. Belts are manufactured as per the latest version of Indian-standard and applicable International-standards.

Major Industry Segment :

Cement **Steel** **Sponge Iron** **Foundry & Refractories**

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion Loss (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)	Adhesion Cover to Ply (N/mm)
Heat Resistant_Working Temperature Range- 100°C - 150°C	15	400	150	60+/-5	3	4.5	3.5

COVER GRADE SELECTION CHART

Cover Grade	Applicable Standards	Temperature Resistance	Minimum Tensile Strength (MPa)	Minimum Elongation at Break (%)	Max Abrasion Loss (mm ³)	Application Characteristics	Reference Materials
HRT 1	IS 1891 (Latest) Part 2	125 °C for lumps & 100°C Fines	15	450	150	Low and moderate working temperature. Suitable for Lumps & Fine materials.	Foundry Sand, BFSlag, Fly Ash, Coke, Soda Ash etc.
HRT 2	IS 1891 (Latest) Part 2	150 °C for lumps & 125°C Fines	15	450	150	High working temperature. Suitable for Lumps & Fine materials	Hot Sinter, Hot pellets, Cement Clinkers, Hot Lime etc.

DURATUF[®]

FIREGUARD

CONVEYOR BELTS



Promising
Uncompromised Safety

Conveying materials that are prone to FIRE hazards might catch fire while conveying the material viz Coal. Thus, there always remains a chance of fatality, resulting in financial loss as well. Which is why, Duratuf brings the Fire-Resistant Grade Cover. It comes with an assurance of safety!

Major Industry Segment :

Thermal Power Plants

Port Coal Terminals

Coal washery & De-shelling Plant

Coal Mining

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)
Flame Retardant	15	350	200	60+/-5	3	4

COVER GRADE SELECTION CHART

Fire Resistant Test compliance to Standard	Applicable Standards	Minimum Tensile Strength (MPa)	Minimum Elongation at Break (%)	Max Abrasion Loss (mm ³)	Application Characteristics	Reference Materials
FR CAN CSA M422 M87 TYPE "C"	CAN CSAM422 M87 Type 'C'	17	400	175	Good resistance to flame for Overland applications e.g Coal conveying at Thermal Power Plant	Coal, Washed Coal, Pet Coke etc.
FR DIN K	ISO-340-2013	17	400	175	Good resistance to flame for Overland applications e.g Coal conveying at Thermal Power Plant	Coal, Washed Coal, Pet Coke etc.

DURATUF[®]

OILGUARD

CONVEYOR BELTS



Reliability in the Face of Lubricants

Duratuf Oil-resistant conveyor belts are designed to withstand exposure to various types of oils and grease, ensuring durability in industrial environments. Constructed with specially designed reinforcement and covers, thus prevent degradation, maintaining their integrity and functionality while transporting materials where oil exposure is prevalent.

Major Industry Segment :

Chemical & Fertilizer

Pet-coke Handling

Processing industries

Grains with oil coating

PHYSICAL PROPERTIES

Characterization	Tensile Strength (MPa)	Elongation at Break (%)	Abrasion Loss (mm ³)	Hardness (SHA)	Adhesion Cover to Ply (N/mm)	Ply to Ply (N/mm)	Adhesion Cover to Ply (N/mm)
Oil Resistance	14	400	150	60+/-5	3	3.5	3

COVER GRADE SELECTION CHART

Relevant Standard	Minimum Tensile Strength (MPa)	Minimum Elongation at Break (%)	Max Abrasion Loss (mm ³)	Hardness (SHA)	Application Charecteristics	Reference Materials
IS 1891 (Latest) Part -III	12	250	200	60+/-5	Light, Medium & Heavy duty applications. Suitable to carry Oily , greasy materials etc	Pet Coke, DiAmonium Phosphate, NitroAmonium Phosphate, Oil quoted grains
DIN-G Standard (ISO 22102)	12	330	215	60+/-5	Light, Medium & Heavy duty applications. Suitable to carry Oily , greasy materials etc	Pet Coke, DiAmonium Phosphate, NitroAmonium Phosphate, Oil quoted grains

BELT RATING CHART

Sl. No.	Belt Rating	Maximum Allowable Working Tension (kN/m)	Nominal Carcass Thickness (mm)	Nominal Carcass Weight (Kg/m ²)	Maximum Recommended Pulley Diameter (mm)		
					A-Tail Pulley	B-Head Pulley	C- Snub Pulley
1	315/3	31	2.9	3.8	400	315	250
2	400/3	40	3.2	3.98	400	315	250
3	400/4	40	3.9	5.21	500	400	315
4	500/3	50	3.4	4.47	500	400	315
5	500/4	50	4.5	5.5	500	400	315
6	630/3	63	4	4.95	500	400	315
7	630/4	63	4.75	6.09	630	500	400
8	800/4	80	5.5	6.88	500	400	315
9	800/5	80	6.4	6.93	630	500	400
10	1000/4	100	6.1	7.97	800	630	500
11	1000/5	100	6.9	8.66	800	630	500
12	1250/4	135	7.1	8.92	800	630	500
13	1250/5	135	8.35	9.82	1000	800	360
14	1400/4	150	8.78	10.58	1000	800	360
15	1400/5	150	8.9	10.9	1250	1000	800
16	1600/4	170	8.9	11.08	1250	1000	800
17	1600/5	170	9	11.26	1400	1250	1000
18	1800/4	200	10.2	13.2	1400	1250	1000
19	1800/5	200	10.9	13.48	1600	1400	1250
20	2000/4	220	11.2	13.1	1600	1400	1250
21	2000/5	220	12	13.64	1800	1600	1400

Note: Above recommendations based on standard engineering practices & subject to changes in case of changes in technical construction.

CONVEYOR BELTS OFFERINGS

Width Range	500mm to 2000mm
Carcass Variety Available	EP / NN
Range of Belt Rating	315 To 2000 kN/m
No. of Plies	2 To 6
Rubber Cover Grade	As per the Selection Chart and customer's requirement
Rubber Cover Thickness	1.5mm To 8mm for both Top & Bottom covers
Edge Type	Cut/Moulded Edge
Splicing Method	Cold/Hot/Mechanical (Breaking strength upto 630 kN/m with 3 Plies)
Belt Identification	Trade Mark, Belt designation, Fabric designation, & 2 digit for the Year of Manufacturing Eg.: DURATUF-315/2-NN-23

HOW DO THE DURATUF BELTS STAND OUT?

- ✓ **Specially designed reinforcement, resilient to high impact.**
- ✓ **Right balance of transverse rigidity and flexibility.**
- ✓ **Ability to convey greater volume of material with higher speed.**
- ✓ **Exclusive reinforcement & cover design that is best suited for arduous applications.**

DURATUF CONVEYOR BELTS: FEATURES & BENEFITS

FEATURES

of Duratuf Conveyor Belts

- ✓ Superior design of reinforcement and cover rubber compound
- ✓ Availability in a wide range of variants for less abrasive materials to most abrasive materials
- ✓ Compliant with multiple international and national testing standards
- ✓ Sustainability due to intrinsic properties
- ✓ Multiple Technical Construction

BENEFITS

to the Purchasers

- ✓ Great choice for arduous applications, even if that includes exposure to heat or fire
- ✓ Multiple options for the buyers in terms of compatibility
- ✓ The conveyor belts are 'fit to install' in applications across the globe
- ✓ Reduces the cost of frequent replacements
- ✓ Helps customers to select the right belt specifications in line with the requirements of working and operating conditions



ADVANTAGES OF CHOOSING OUR CONVEYOR BELTS



IMPROVES EFFICIENCY

We tailor Belt specification that suits your conveyor systems requirements, delivering a more powerful and customer-centric solution



UN-COMPROMISED SAFETY

Duratuf conveyor belts ensure safe conveying of materials as well as safety of human resource



SEAMLESS CONVEYING

The right choice of thoroughly-tested conveyor belts keeps your conveying systems uninterrupted



BOOSTS ROI

Uninterrupted production that makes the target achievable



ABSOLUTE ASSURANCE

Get application specific service warranty on Duratuf Coveyor Belts

INDUSTRIES WE SERVE



Cement



Port with Bulk Terminal



Steel Plant



Thermal Power



Quarry



Chemicals & Fertilizers



Mining



Waste Handling

Download & Fill The Technical Questionnaire

& help us with your Requirements!



Scan & Fill

OUR OTHER PRODUCTS



Insulating Mat



Rubber Sheet



Rubber Hoses



Cow Mat

OUR CLIENTS



And many more...

TESTIMONIALS OF OUR CLIENT'S



Jayesh Vichare



Duratuf's supply chain team is a pleasure to work with due to their friendly, professional demeanor and unwavering support. We highly recommend them.



Huzaifa Malik



Honest, co-operative and reliable people. Very good quality product. It is a delight to do business with them.



Alfonso Meneses



We are impressed with Duratuf's product quality, manufacturing lead times, & customer support. Representatives, has been patient & helpful in addressing our needs. We would highly recommend Duratuf.

DURATUF[®]

INDUSTRIAL RUBBER PRODUCTS EXPERT...



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📍 UAE (United Arab Emirates)

Duratuf Products FZE,
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Ajman Free Zone,
Ajman, UAE.

OUR WAREHOUSES :

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