



TOP QUALITY MATERIALS FOR THE RETREADING INDUSTRY





THE COMPANY

INDELBAND® is a trade mark by LAMINADOS S.A.C. a company whose core business is to produce and develop high quality materials for the retreading industry.

LAMINADOS® is part of a group of industrial companies with presence around the world and with more than 30 years of experience in developing, manufacturing and selling compounds, products and complete solutions based on rubber and other polymers. The group of companies represents nowadays one of the largest productions units of compounds and products based on rubber and other polymers of Peru.

LAMINADOS and the sister companies from the group are committed to sustainable development through employment generation and selling high quality products and services, always complying with all social and environmental aspects in benefit of our customers.

The active participation among companies from the group creates a high level synergy in terms of research, which provides innovation and product development in order to offer solutions that guarantee our customers an excellent quality and performance in a wide range of products within different industries such as transportation, mining, industrial, fishing, construction, shoe and education.

LAMINADOS currently exports to more than 20 countries worldwide, demonstrating world class competitiveness through products and services specially developed to obtain outstanding results under the most demanding working conditions.

TOP QUALITY MATERIALS FOR THE WORLD.



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Top quality materials for the retreading industry

QUALITY

The high standards of quality and consistency of our products are guaranteed by our quality management and continual improvement system which is certified under ISO 9001:2008



Production and Quality Management

High quality consistency of our products and services, on time and reliable supply to our customers and our commitment to keep our promises are the basis of our organization.

High quality and consistency standards of our products are based on a strict quality control system which ensures that our customer's requirements are satisfied and guaranteed, covering from the design and raw material supply, through the production process and end-product, up to sales, delivery and technical assistance. Each batch manufactured in our plant undergoes controls and tests in each step of the process, guaranteeing its quality. Our products are designed and produced to obtain the best performance for every application.

Quality along with cost efficiency, environmental protection and industrial safety is a usual responsibility of each employee.

These objectives are achieved by using first class raw materials, cutting-edge manufacturing technology, an extensive quality control through the whole production process and a strong awareness and training program aimed at each of our employees.



Certified Nº 1401 - 1
NTC - ISO 6 ISO 9001:2008



BUSINESS ALLIANCE FOR SECURE COMMERCE

CERTIFIED BASC
PERLIM00551

Continual Improvement

As part of our quality management system we are engaged with the principle of continual improvement within our organization. Continual improvement of our management, processes, products and services is a shared goal among all members of our organization.

Research, design, development and quality improvement of our products are oriented to better satisfy market demands in order to offer better benefits for our customers and users.

Our improvement program also addresses to improve the quality of life of our employees by watching good personnel relationships, industrial and occupational safety, safe transport, resource and environmental protection and conservation.

In this way, processes and procedures are constantly revised, audited and improved to increase quality, and to reduce waste generation, emissions, effluents, energy consumption and industrial accidents.



SERVICES

In order to serve the needs and technical inquiries of our customers, Laminados provides technical assistance covering from the retreading process through service operations, even finding solutions for specific concerns regarding each fleet so that performance of our products is optimized.

Production Technical Support

Our Production Technical Support staff of professionals has a wide experience regarding the different systems used in the retreading industry, including quality management approach, industrial and occupational safety, environmental management and continual improvement.

After a thorough analysis of each of the aspects related to the retreading process, our consultants identify improvement opportunities and offer the most efficient solutions in order to improve reliability, quality and productivity.

Commercial Technical Support

Our Commercial Technical Support staff gives the necessary orientation to obtain the most out of our products and translating these benefits as advantages for our customers.

Taking into account different market conditions, specific strategies are developed and sales force is trained in order to obtain concrete results.

The Commercial Technical Support Service has tools and procedures specially developed to achieve their goals.



Our Assistire® tire control software analyzes and quantifies tire performance considering all possible conditions to optimize tire management.



TREADS



Optimized designs, specific compounds for each application and a certified quality management system guarantees an outstanding performance to face different demands and working conditions.

Traditional Treads

INDELBAND® traditional treads have been designed to guarantee high performance and durability, by offering a high value, cost-effectiveness ratio for users.

Indelband offers a wide range of tread designs manufactured with specific compounds for each application.

OTR Treads

One piece OTR procured tread, provides the best product alternative for OTR radial tire retreading. The retread process with OTR procured treads eliminates the initial investment in equipment such as groovers, presses or moulds, which are essential for traditional OTR retreading processes. In the same way it reduces energy consumption, waste and increases productivity through a simple process by reducing or eliminating operations like building, grooving and curing times.

These advantages make retreading with OTR procured treads the most efficient retreading process in terms of costs, while improving overall product appearance and performance.

OTR procured treads have been specially designed for earthworks machines, loaders and dump trucks. They are available in special designs and are manufactured with high resistance compounds, to guarantee highest traction and durability.



TREADS



Laser Treads

This precured tread with contour buffing spread and profile presents the triple radius design which allows a perfect match between the Laser tread and the convex shape of the casing itself.

This fact preserves the flexibility and the structure of the tire and relieves the casing from the stress generated when retreading with traditional treads.

The perfect shoulder fitting, provides a uniform unedged continuity that significantly reduces shoulder wear, tread lift or damage caused by dragging in haul applications. By keeping the original geometry and footprint of the tire, physical benefits are obtained with the use of Laser treads resulting in better performance, a safer and more reliable product, casing durability, increased driving comfort and overall product appearance.

1 Shoulder Radius

Releases stress from the shoulder area reduces damage by trawling through its precise fit.

2 External Radius

Optimizes the performance of the contact surface.

3 Internal Radius

Relieves the casing from stress in the retread area due to the perfect match between this and the tread.



TREAD CATALOGUE



Long Haul



- Paved roads
- Long distances
- Main roads
- High speeds



Regional



- Paved, highland and winding roads
- Secondary roads
- Intermediate and regional hauling
- Constant maneuvering
- Moderate Speeds



On Off Road



- All type of roads
- Short and medium distances
- Secondary paths and trails
- Moderate or low speed



Off Road



- Roads in bad conditions, roads under construction, mines or quarries
- Short distances
- Traction needs
- High impact of damages and cuts
- Low speed



Urban



- Urban paved roads
- Short and medium distances
- Constant braking, start and maneuvering
- Low speed



OTR



- To be used in earthworks operations
- Short distances
- Traction needs
- High impact of damages and cuts
- Low speed



Industrial



- Short distances
- Constant braking start and maneuvering
- Scrub resistance
- Damage resistance
- Low speed



Snow



- To be used under specific circumstances (ice and snow)
- Applicable for long and regional hauling, on and off the road and off the road according to design
- Moderate or low speed



LZL

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	9.9	250	20	16.0	3.17	4.72	-35.76	-10.90
	10.2	260	20	16.0	3.22	4.79	-34.65	-10.56



IZL

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	7.5	190	20	15.5	2.33	3.47	-33.29	-11.06
	7.9	200	20	15.5	2.61	3.89	-36.25	-11.05
	8.3	210	20	16.0	2.86	4.26	-36.09	-11.00
	8.7	220	20	16.0	2.90	4.32	-35.96	-10.96
	9.3	235	20	16.0	3.45	5.13	-35.92	-10.95
	10.0	255	21	17.0				



IZA

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	7.5	190	18.0	14.0	2.10	3.12	-35.14	-10.71
	7.9	200	18.0	14.0	2.23	3.32	-36.09	-11.00
	8.3	210	18.0	14.0	2.35	3.49	-36.09	-11.00
	8.7	220	18.0	14.0	2.46	3.66	-35.76	-10.90
	9.3	235	18.0	14.0	2.59	3.86	-11.22	-3.42
	9.7	245	18.0	14.0	2.77	4.12	-11.22	-3.42
	10.05	255	18.0	14.0	3.00	4.46	-36.25	-11.05



LT+1

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	7.7	195	14	11.0	1.90	2.83	-36.09	-11.00
	7.9	200	14	11.0	1.92	2.85	-36.09	-11.00
	8.5	215	14	11.0	2.09	3.11	-36.09	-11.00
	8.7	220	14	11.0	2.12	3.15	-36.09	-11.00
	9.1	230	14	11.0	2.27	3.38	-36.09	-11.00
	9.5	240	14	12.0	2.47	3.68	-36.09	-11.00



LZE2

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	9.9	250	21	17.0	3.36	5.00	-35.70	-10.88
	10.2	260	21	17.0	3.40	5.06	-10.86	-3.31



LZA+1

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	8.3	210	18	14.0	2.55	3.79	-34.91	-10.64
	8.7	220	18	14.0	2.54	3.78	-34.91	-10.64
	9.3	235	18	14.0	2.58	3.84	-35.53	-10.83



L164

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	11.6	295	18	14.0	3.16	4.70	-10.93	-3.33



L196

Radial	Base		Depth		Weight		Length	
	In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
	8.3	210	18	14.0	2.55	3.80	-10.37	-3.16




Long Haul



Regional



On Off Road



Off road



Urban



OTR



Industrial



Snow



Agricultural

NZA 2A WING



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.1	207	19	15.0	2.22	3.31	-36.09	-11.00
8.5	216	19	15.0	2.41	3.58	-36.09	-11.00
8.8	225	19	15.0	2.45	3.64	-36.09	-11.00

IMB



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
5.9	150	14	11.0	1.38	2.05	-12.17	-3.71
6.3	160	14	11.0	1.44	2.14	-11.97	-3.65
7.5	190	15	12.0	1.88	2.80	-10.27	-3.13
7.9	200	15	12.0	1.96	2.92	-10.99	-3.35
8.7	220	15	12.0	2.43	3.62	-11.12	-3.39

L250



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.7	220	20	15.5	2.72	4.05	-11.22	-3.42

I250



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
6.7	170	15	12.0	1.60	2.38	-36.19	-11.03
7.9	200	20	16.0	2.47	3.67	-36.19	-11.03
8.3	210	20	16.0	2.52	3.75	-36.22	-11.04
8.7	220	20	16.0	2.63	3.92	-36.22	-11.04
9.3	235	20	16.0	2.97	4.42	-36.12	-11.01

LTX



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.3	210	15	12.0	2.07	3.08	-36.32	-11.07
8.7	220	15	12.0	2.24	3.33	-36.22	-11.04

LTR



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.5	190	15	12.0	1.80	2.68	-35.92	-10.95
7.9	200	15	12.0	1.78	2.65	-35.79	-10.91
8.7	220	18	14.0	2.55	3.79	-11.09	-3.38

RHW



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
5.1	130	12	9.5	1.01	1.50	-12.07	-3.68
5.5	140	14	11.0	1.18	1.75	-12.01	-3.66
5.9	150	14	11.0	1.32	1.96	-36.15	-11.02
6.3	160	14	11.0	1.38	2.05	-36.22	-11.04
7.1	180	16	12.5	1.73	2.58	-35.63	-10.86
7.5	190	16	12.5	1.89	2.82	-36.29	-11.06
7.9	200	18	14.0	2.10	3.13	-35.83	-10.92
8.3	210	20	15.5	2.65	3.94	-36.42	-11.10
8.7	220	19	15.5	2.57	3.82	-36.25	-11.05

IHL



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.5	190	10	8.0	1.47	2.19	-35.79	-10.91
7.9	200	10	8.0	1.55	2.30	-35.76	-10.90

IRP

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
7.1	180	16	12.5	1.75	2.61	-36.09	-11.00
7.5	190	16	12.5	1.88	2.80	-35.79	-10.91
8.3	210	16	12.5	2.16	3.22	-35.86	-10.93
8.7	220	18	14.0	2.54	3.78	-36.02	-10.98
9.3	245	20	16.0	2.87	4.27	-35.89	-10.94
9.7	235	20	16.0	3.01	4.48	-11.22	-3.42
10.0	255	20	16.0	3.33	4.95	-11.22	-3.42
12.0	305	11	8.8	2.47	3.68	-13.52	-4.12

ITX2

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
7.5	190	15	12.0	1.74	2.59	-36.09	-11.00
8.7	220	15	12.0	2.00	2.98	-36.09	-11.00

RIB

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
7.1	180	14	11.0	1.53	2.27	-12.02	-3.66

CTR

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
4.9	125	11	9.0	0.92	1.37	-12.43	-3.79
5.5	140	14	11.0	1.15	1.71	-12.11	-3.69

TX

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
5.5	140	14	11.0	1.30	1.94	-11.68	-3.56
6.3	160	16	12.5	1.57	2.34	-12.01	-3.66
7.1	180	18	14.0	1.92	2.86	-36.02	-10.98
7.5	190	18	14.0	2.15	3.20	-10.20	-3.11
7.9	200	18	14.0	2.24	3.34	-10.50	-3.20
8.7	220	18	14.0	2.85	4.24	-10.60	-3.23
9.3	235	22	17.5	3.32	4.94	-10.99	-3.35

TXX

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
6.3	160	16	12.5	1.51	2.25	-36.15	-11.02
7.5	190	20	16.0	2.30	3.42	-36.02	-10.98
7.9	200	21	17.0	2.47	3.68	-36.25	-11.05
8.7	220	24	19.0	2.94	4.38	-36.35	-11.08

LWX

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
6.3	160	18	14.0	1.71	2.54	-36.29	-11.06
6.7	170	18	14.0	1.80	2.68	-36.32	-11.07
7.1	180	22	17.5	2.22	3.30	-10.53	-3.21
7.5	190	22	17.5	2.42	3.60	-36.22	-11.04
7.9	200	22	17.5	2.62	3.90	-36.25	-11.05
8.3	210	22	17.5	2.61	3.88	-35.92	-10.95
8.7	220	24	19.0	2.94	4.38	-35.83	-10.92
9.3	235	24	19.0	3.04	4.52	-36.25	-11.05

IDA

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft	m
8.3	210	23	18.0	2.85	4.24	-36.32	-11.07
8.7	220	23	18.0	3.00	4.46	-36.25	-11.05
9.1	230	23	18.0	3.09	4.60	-36.12	-11.01
9.3	235	23	18.0	3.38	5.03	-36.42	-11.10

I21

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.9	200	26	21.0	2.76	4.11	-36.35	-11.08
8.3	210	26	21.0	2.88	4.28	-36.09	-11.00
8.7	220	26	21.0	2.88	4.28	-36.35	-11.08
9.1	230	26	21.0	--	--	-36.09	-11.00



M+S

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
6.3	160	16	12.5	1.42	2.12	-12.24	-3.73



IMS

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.8	200	3	2.34	2.34	3.48	-10.89	-3.32



ISS

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.9	200	26	21.0	2.78	4.13	-36.45	-11.11
8.3	210	26	21.0	2.92	4.34	-36.22	-11.04
8.7	220	26	21.0	3.04	4.52	-36.02	-10.98
9.0	230	26	21.0	--	--	-36.09	-11.00



NW

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.0	180	23	18.0	--	--	-36.09	-11.00
8.2	210	26	21.0	2.90	4.31	-36.09	-11.00
8.6	220	--	21.0	3.04	4.52	-36.09	-11.00
9.0	230	--	21.0	3.21	4.77	-34.45	-10.50
9.4	240	--	21.0	3.33	4.96	-13.12	-4.00
10.3	262	--	21.0	3.81	5.67	-13.12	-4.00
9.0	230	28	22.0	--	--	-36.09	-11.00



NDN2

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.6	220	26	21.0	3.40	5.06	-13.12	-4.00
9.0	230	26	21.0	3.63	5.40	-13.12	-4.00
9.4	240	26	21.0	3.74	5.56	-13.12	-4.00



MNW-S (SPECIAL)

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.4	215	19	15.0	--	--	-36.09	-11.00



NS1

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.2	210	27	21.3	--	--	-13.12	-4.00
8.6	220	27	21.3	3.06	4.56	-13.12	-4.00
9.0	230	27	21.3	3.14	4.67	-13.12	-4.00



I729



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
6.7	170	16	13.0	--	--	-36.09	-11.00
8.7	220	23	18.0	3.01	4.48	-36.15	-11.02
9.3	235	24	19.0	3.37	5.02	-36.45	-11.11
10.4	265	26	21.0	4.23	6.30	-36.35	-11.08

I711



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.9	200	26	21.0	2.83	4.21	-36.38	-11.09
8.3	210	26	21.0	2.96	4.40	-36.19	-11.03
8.7	220	26	21.0	3.15	4.69	-36.25	-11.05
9.6	230	26	21.0	2.10	3.13	-36.09	-11.00
9.3	235	26	21.0	3.33	4.95	-36.38	-11.09

IDE2



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.5	190	18	14.0	2.02	3.00	-36.19	-11.03
8.7	220	28	22.0	3.47	5.16	-36.32	-11.07
9.3	235	28	22.0	3.76	5.60	-36.35	-11.08
9.7	245	28	22.5	3.99	5.94	-36.09	-11.00
10.0	255	28	22.5	3.98	5.93	-36.19	-11.03
10.44	265	28	22.5	4.37	6.51	36.09	11.00

L726



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.7	220	28	22.0	3.44	5.12	-10.83	-3.30

IZT



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.1	180	21	17.0	2.20	3.28	-36.35	-11.08
7.5	190	22	17.5	--	--	-36.09	-11.00
8.9	255	25	20.0	3.49	5.20	-36.09	-11.00

IT4



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.7	220	22	17.5	2.70	4.02	-35.96	-10.96
9.3	235	24	19.0	3.30	4.91	-11.19	-3.41
8.9	255	24	19.0	3.41	5.08	-11.06	-3.37

NHT



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.27	210	27	21.3	--	--	-13.12	-4.00
8.67	220	27	21.3	3.21	4.78	-13.12	-4.00
9.06	230	27	21.3	3.37	5.01	-13.12	-4.00

I85



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
12.9	328	20	16.0	3.91	5.82	-36.02	-10.98

LTE2

Radial



LASER



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
12.8	325	21	17.0	4.62	6.87	-35.70	-10.88
13.79	350	21	17.0	5.19	7.72	-35.60	-10.85



LZY3

Radial



LASER



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
12.8	325	24	19.0	4.70	7.00	-36.09	-11.00
13.8	350	24	19.0	4.82	7.17	-35.66	-10.87



L86

Radial



LASER



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
10.2	260	22	17.5	3.52	5.24	-13.12	-4.00



I86

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.5	190	20	16.0	2.35	3.50	-36.38	-11.09
8.3	210	20	16.0	2.49	3.70	-35.99	-10.97
8.7	220	20	16.0	2.57	3.83	-36.12	-11.01
9.3	235	20	16.0	2.74	4.08	-36.32	-11.07
9.7	245	22	17.5	3.12	4.64	-36.02	-10.98
10.0	255	24	19.0	3.47	5.17	-35.99	-10.97



L840

Radial



LASER



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
9.9	250	23	18.0	3.47	5.16	-36.02	-10.98



I840L

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.3	210	19	15.0	2.45	3.65	-36.42	-11.10
8.7	220	19	15.0	2.57	3.82	-36.09	-11.00
9.1	230	19	15.0	2.62	3.90	-36.22	-11.04



LZY2

Radial



LASER



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
9.9	250	23	18.5	3.66	5.45	-35.89	-10.94



IZY2

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.9	200	23	18.5	2.70	4.02	-10.63	-3.24
8.3	210	23	18.5	2.77	4.12	-10.83	-3.30
8.7	220	23	18.5	3.05	4.54	-36.32	-11.07
9.3	235	23	18.5	3.23	4.81	-36.25	-11.05
9.6	245	23	18.5	3.41	5.08	-36.32	-11.07
10.05	255	23	18.5	3.59	5.34	-36.29	-11.06
10.44	265	23	18.5	--	--	-36.09	-11.00



Long Haul



Regional



On Off Road



Off road



Urban



OTR



Industrial



Snow



Agricultural

ZZY



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
5.9	150	19	15.0	1.71	2.54	-36.29	-11.06
6.3	160	19	15.0	1.80	2.68	-36.32	-11.07
6.7	170	19	15.0	1.89	2.82	-36.35	-11.08
7.1	180	22	17.5	2.26	3.36	-36.61	-11.16
7.5	190	22	17.5	2.45	3.65	-36.29	-11.06
7.9	200	22	17.5	2.59	3.86	-36.42	-11.10
8.3	210	22	17.5	2.71	4.03	-36.42	-11.10

IDY



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.9	200	27	21.5	3.06	4.55	-36.35	-11.08
8.3	210	28	22.0	3.23	4.81	-36.48	-11.12
8.7	220	28	22.0	3.41	5.08	-36.32	-11.07
9.3	235	28	22.0	3.69	5.49	-36.15	-11.02
9.7	245	28	22.0	3.83	5.70	-36.42	-11.10

DY3E



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.6	220	25	20.0	3.00	4.47	-36.48	-11.12
9.2	235	25	20.0	3.28	4.88	-36.58	-11.15
9.6	245	25	20.0	3.37	5.01	-36.42	-11.10

IDY3



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.7	220	26	21.0	--	--	--	--
9.3	235	26	21.0	3.58	5.33	-36.09	-11.00
9.6	245	26	21.0	3.80	5.66	-36.09	-11.00
10.0	255	26	21.0	3.88	5.78	-36.09	-11.00
10.4	265	26	21.0	3.98	5.93	-36.09	-11.00

TUK



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
5.1	130	16	12.5	1.24	1.84	-36.48	-11.12
5.5	140	17	13.5	1.44	2.14	-36.42	-11.10
5.9	150	18	14.0	1.67	2.48	-36.29	-11.06
6.3	160	19	15.0	1.83	2.72	-36.48	-11.12
6.7	170	19	15.0	1.94	2.88	-36.45	-11.11
7.1	180	22	17.5	2.38	3.54	-36.35	-11.08
7.5	190	22	17.5	2.43	3.62	-36.35	-11.08
7.9	200	22	17.5	2.63	3.92	-36.42	-11.10
8.3	210	22	17.5	2.71	4.04	-36.42	-11.10
8.7	220	24	19.0	3.01	4.48	-36.42	-11.10
9.3	235	26	20.5	3.45	5.14	-36.22	-11.04

IZB



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
7.1	180	20	16.0	2.34	3.48	-35.64	-10.86
7.5	190	20	16.0	2.45	3.65	-36.12	-11.01
7.9	200	20	16.0	2.65	3.95	-35.98	-10.97
8.3	210	22	17.5	2.69	4.00	-36.15	-11.02
8.7	220	24	19.0	2.96	4.40	-36.02	-10.98
9.3	235	24	19.0	3.17	4.72	-36.12	-11.01

I78



Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
13.8	350	30	24.0	5.71	8.49	-11.48	-3.50

IZB OTR



Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
9.3	235	30	24.0	3.95	5.88	-36.02	-10.98
10.0	255	30	24.0	4.37	6.51	-11.35	-3.46



Long Haul



Regional



On Off Road



Off road



Urban



OTR



Industrial



Snow



Agricultural

IZH

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
9.3	235	30	24.0	3.93	5.85	-36.45	-11.11
9.7	245	30	24.0	4.10	6.10	-36.42	-11.10
10.0	255	32	25.5	4.31	6.42	-36.15	-11.02



IZHL

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
8.7	220	26	21.0	3.38	5.03	-36.35	-11.08
9.3	235	26	21.0	3.61	5.37	-36.19	-11.03
9.7	245	26	21.0	3.79	5.64	-35.76	-10.90



I88

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
9.3	235	28	22.0	3.57	5.32	-36.02	-10.98
10.0	255	32	25.5	4.52	6.72	-11.25	-3.43
10.4	265	32	25.5	4.54	6.76	-11.45	-3.49



IHR

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
10.0	255	30	24.0	4.52	6.72	-11.32	-3.45
9.3	235	28	22.0	3.79	5.64	-36.52	-11.13



IMT

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
17.9	455	42	33.0	9.68	14.40	-14.50	-4.42
20.1	510	50	40.0	13.24	19.70	-15.68	-4.78



IMTS

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
20.1	510	68	54.0	16.30	24.25	-15.68	-4.78
22.9	580	68	54.0	19.08	28.40	-16.99	-5.18



IADN

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
20.49	520	57	45.0	16.30	24.25	-15.68	-4.78
23.25	590	61	48.0	17.87	26.6	-17.06	-5.20
26.00	660	63	50.0	20.80	30.95	-18.37	-5.60



IHD3

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft.	kg/m	Ft.	m
17.93	455	42	33.0	10.72	15.95	-14.67	-4.47
20.29	515	57	45.0	15.29	22.75	-15.81	-4.82
23.25	590	63	50.0	18.94	28.19	-17.06	-5.20



188

Radial / Bias



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft.	m
11.43	290	42	33.0	23.16	34.46	~14.44	~4.40

IAT

Radial



Base		Depth		Weight		Length	
In	mm	In/32	mm	Lb/Ft	kg/m	Ft.	m
21.47	545	61	48	9.10	13.54	~15.94	~4.86

SLICK

Solid



Base		Depth		Weight		Length	
In	mm	In	mm	kg/m		m	
6		1/2		2.40		~10.20	
8		1/2		2.96		~9.64	
10		1		8.30		~7.62	
12		3/4		6.50		~10.00	

TUM

Radial / Bias / Solid



Base		Depth		Weight		Length	
In	mm	In	mm	kg/m		m	
130		17.5		2.65		~3.37	
155		17.5		3.04		~3.20	

TREAD WIDTH

Suggested tread width by the size of the tire



130	140	150	160	170	180	190	200	210	220	235
6.70 R 15	6.50 R 20	7.00 R 15	205 R 14	205 R 16	205 R 14	9.00 R 16	9.5 R 17.5	10 R 17.5	11.00 R 20	12.00 R 20
6.50 R 16	6.70 R 13	7.50 R 15	7.50 R 15	215 R 16	215 R 14	9.5 R 17.5	9.5 R 19.5	11 R 16	12.00 R 20	12.00 R 22
6.00 R 20	6.70 R 14	8.25 R 15	8.25 R 15	8.25 R 16	215 R 15	9 R 19.5	10 R 22.5	10.00 R 20	11.00 R 22	12 R 22.5
175 / 75 R 16	6.70 R 15	185 R 15	195 R 15	8 R 17.5	205 R 16	9.00 R 20	255 / 75 R 15	11.00 R 22	12.00 R 22	12.00 R 24
6.00 - 14	185 R 15	195 R 15	215 R 15	8 R 19.5	215 R 16	9 R 22.5	235 / 75 R 16	10 R 22.5	11 R 22.5	12 R 24.5
6.50 - 14	7.00 R 15	185 R 16	195 R 16	8.25 R 20	8.25 R 16	225 / 75 R 17.5	245 / 75 R 17.5	11 R 22.5	12 R 22.5	285 / 70 R 19.5
	195 R 15	7.50 R 16	205 R 16	8 R 22.5	8 R 17.5	235 / 75 R 17.5	235 / 70 R 19.5	245 / 75 R 17.5	12.00 R 24	295 / 70 R 22.5
	7.00 R 16	7.50 R 20	8.25 R 16	205 / 75 R 16	8.5 R 17.5	235 / 70 R 19.5	245 / 70 R 19.5	265 / 70 R 19.5	12 R 24.5	295 / 80 R 22.5
	7 R 17.5	175 / 75 R 16	8 R 17.5	215 / 75 R 16	9 R 17.5	225 / 75 R 19.5	255 / 70 R	265 / 75 R 19.5	285 / 70 R 19.5	12 / 70 R 22.5
	7 R 19.5	185 / 75 R 16	8 R 19.5	205 / 75 R 17.5	8 R 19.5	8.25 - 20	222.5	11 / 70 R 22.5	275 / 70 R 22.5	13 / 70 R 22.5
	7.00 R 20	195 / 75 R 16	8 R 22.5	215 / 75 R 17.5	8.25 R 20	9.00 - 20	10.00 - 20	11.00 - 20	275 / 80 R 22.5	305 / 70 R 22.5
	215 / 85 R 16	6.50 - 14	195 / 75 R 16	7.50 - 16	8 R 22.5		11.00 - 20	11 - 22.5	11 / 70 R 22.5	315 / 75 R 22.5
	175 / 75 R 16	7.00 - 15	205 / 75 R 16		205 / 75 R 16				12 / 70 R 22.5	12 / 80 R 22.5
	185 / 75 R 16	7.50 - 15	205 / 75 R 17.5		215 / 75 R 16				12 / 80 R 22.5	10 - 16.5
	6.00 - 14		215 / 75 R 19.5		205 / 75 R 17.5				11.00 - 20	12.00 - 20
	6.50 - 14		7.50 - 15		215 / 75 R 17.5				12.00 - 20	12.00 - 24
	7.00 - 15		7.50 - 16		215 / 75 R 19.5				11.00 - 22	
					8.25 - 16					
					7.50 - 20					
					8.25 - 20					



245	250	255	260	265	295	305	325	328	350
12.00 R 20	11 R 22.5	13.00 R 20	13.00 R 20	12 R 22.5	15 R 22.5	15 R 22.5	16.5 R 22.5	16.5 R 22.5	425 / 65 R 22.5
12.00 R 22	12 R 22.5	13 R 22.5	13 R 22.5	365 / 80 R 22.5	15.5 / 80 R 22.5	385 / 65 R 22.5	385 / 65 R 22.5	385 / 65 R 22.5	445 / 65 R 19.5
12 R 22.5	295 / 80 R 22.5	12.00 R 24	12.00 R 24	14 / 80 R 20	365 / 80 R 20	15.5 / 80 R 22.5	365 / 80 R 20	425 / 65 R 22.5	445 / 50 R 22.5
12.00 R 24		12 / 80 R 20	12 / 80 R 20	295 / 80 R 22.5			425 / 65 R 22.5	365 / 80 R 20	445 / 65 R 22.5
305 / 70 R 19.5		13 / 80 R 20	13 / 80 R 20	315 / 80 R 22.5					
12 / 80 R 20		13 / 75 R 22.5	13 / 75 R 22.5	12.00 - 20					
315 / 80 R 20		295 / 80 R 22.5	295 / 80 R 22.5						
295 / 70 R 22.5		315 / 70 R 22.5	315 / 70 R 22.5						
295 / 80 R 22.5		315 / 80 R 22.5	315 / 80 R 22.5						
13 / 70 R 22.5		12.00 - 20							
315 / 75 R 22.5		12.00 - 24							
12.00 - 20									
12.00 - 24									

PRODUCTS



Cushion Gum

INDELBAND® cushion gum is specially manufactured to offer maximum adhesion between the carcass and the new tread and to reduce heat generation to a minimum therefore guaranteeing a safe and reliable retread. Its curing conditions allow an optimal balance between time and temperature of the curing process and the product shelf life.

Strip Cushion Gum

Cushion gum is also available in strips to be applied directly with an extruder. Strip cushion gum has a great flow through the extruder therefore filling all carcass cavities, reducing application time and energy consumption. These features provide great benefits during product application and high productivity in equipment usage.

Strip cushion gum keeps the same features as calendered cushion gum like superb adherence and minimum heat generation.

Repair Strip

INDELBAND® repair strip allows to fill and repair easily, keeping a constant production pace. The strips come in 12 kg reels and fit most retreading machines and repair stations, reducing material handling and providing a comfortable work.



Retreading Compounds

Our wide range of compounds allows us to satisfy needs and demands regarding tire retreading, either for remoulding or grooving of tires, in order to obtain maximum benefits.

INDELBAND® retreading compounds have been specially developed to obtain ideal results in each application, especially when used in OTR applications. High resistance compounds ensure that retread tires with INDELBAND® compounds offer better performance on any road surface.



Camelback

INDELBAND® camelback has been designed to offer excellent results in tire retreading by remoulding. Its fluidity obtains perfect moulding of tread and unbeatable product appearance. Available in a wide range of compounds and sizes for optimal results.



Retreading Cement

INDELBAND® cement provides superb adhesion becoming an excellent complement for the union between the carcass and the new tread. Further more, thanks to its features, it is an essential element to be applied in repair units.

MATERIAL STORAGE RECOMMENDATIONS



Retreading Compounds Stock Policies

- Material stock should be as low as possible but enough to assure the continuity of the plant operability.
- Stock rotation on a first in first out basis must be applied to reduce the risk of product obsolescence.
- Material excess should be avoided to allow a clean and safe storage.
- Application of the above policies helps increase stock rotation guarantee materials to be as fresh as possible.



Storage Rooms:

- All materials should be store on cool and dry areas.
- Dust free and medium ventilation conditions are also recommended.
- Direct sunlight exposure must be avoided.



Storage Temperatures:

- Recommended storage temperature is between 15° C and 25°C Higher or lower temperatures should be avoided.
- Heat radiation should be avoided at all times. Do not store near steam pipes or radiators.
- Exposure to low temperatures leads to material stiffness and loose in processability and adhesive properties. Material may be recovered by stabilising its temperature to room temperature (around 20°C); when recovering do not heat material directly or remove packaging, moisture formation due to condensation should be avoided during the process of recovery.



Product stocking:

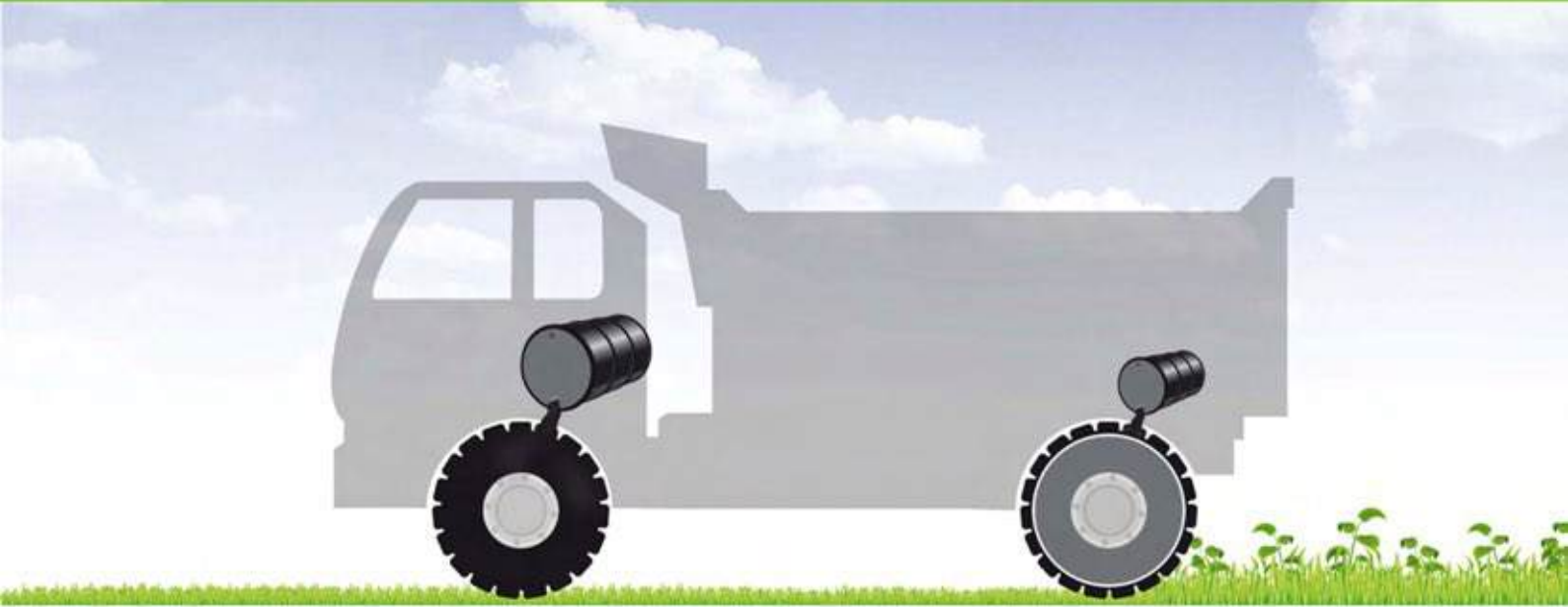
- While material handling, safety regulations must be observed and required personal protection equipment should be used.
- Store materials so that deformation is avoided.
- Avoid excessively high stacks.
- Keep products well identify and ordered.



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– Resource consumption + **Green**

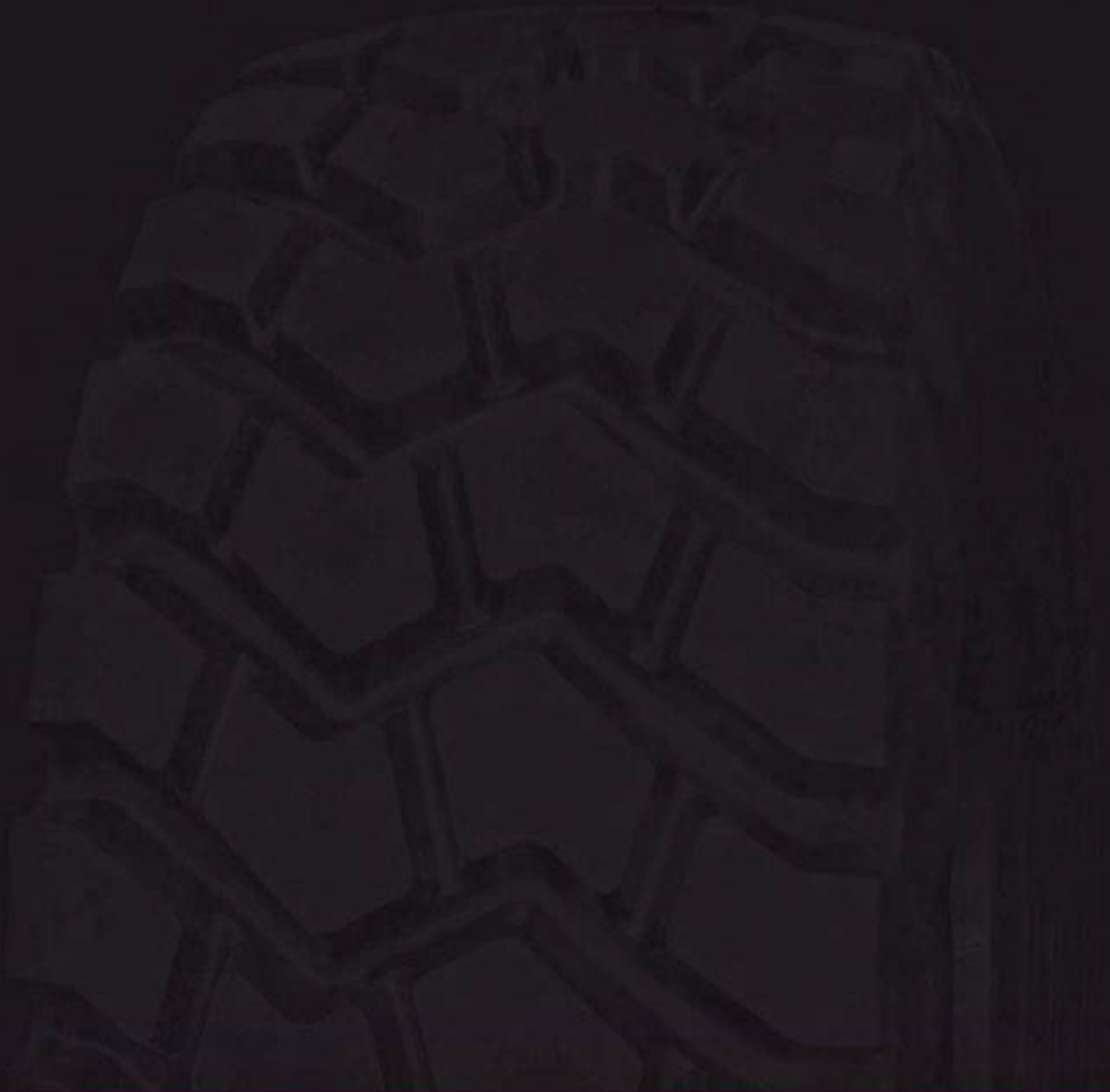


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