MICHELIN RETREAD TECHNOLOGIES

RETREAD CATALOGUE

MICHELIN

THE RETREAD RANGE

REGIONAL TRANSPORT

- Long distances on trunk and regional roads with frequent braking and accelerating
- Shorter distances on regional journeys with frequent stops
- Access to loading and unloading points on slightly aggressive ground
- Difficult weather conditions (rain, snow, ice)

WORKSITE TRANSPORT

- Driving generally over short distances and on all types of road
- Access to difficult loading or unloading points
- Requires off-road traction

URBAN TRANSPORT

- Driving in urban areas with very frequent stops (Buses, waste trucks, roadwork vehicles, etc)

ADVICE FOR RETREAD TYRES

Fit retread tyres on the drive axles of prime mover. Retread tyres can be fitted in all axle positions for trailers and semi-trailers.

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REGIONAL TRANSPORT

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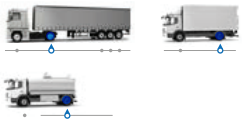
XDE2
XDE2+ MT

DRIVE M+S

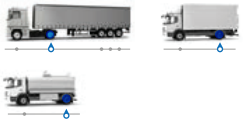


XTE2 B

TRAILER M+S

X MULTI D

DRIVE M+S



X MULTI T2

TRAILER

X MULTI Z

MULTI POSITIONS M+S

WORKSITE TRANSPORT

- Driving generally over short distances and on all types of road
- Access to difficult londing or unlonding points
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XDY3

DRIVE

XZY2
XZY2 B

MULTI POSITIONS M+S

XZH

MULTI POSITIONS M+S

XZY3

MULTI POSITIONS M+S

URBAN TRANSPORT

- Driving in urban areas with very frequent stops (Buses, waste trucks, roadwork vehicles, etc)

XZU3

MULTI POSITIONS

XZU

MULTI POSITIONS

MICHELIN® RETREADS QUICK REFERENCE TREAD GUIDE

Tread Width

REGIONAL TRANSPORT

Regional Transport	170	180	190	200	210	220	225	230	240	250	260	290	320
XDE2	☑	☐	☐	☑	☑	☑	☐	☑	☑	☑	☐	☐	☐
X Multi D	☐	☐	☐	☐	☐	☐	☑	☐	☑	☑	☑	☐	☐
X Multi T 2	☐	☐	☐	☑	☑	☑	☐	☑	☑	☑	☐	☐	☐
XTE2B	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☑
X Multi Z	☐	☐	☐	☐	☑	☐	☑	☐	☑	☑	☐	☐	☐

WORKSITE TRANSPORT

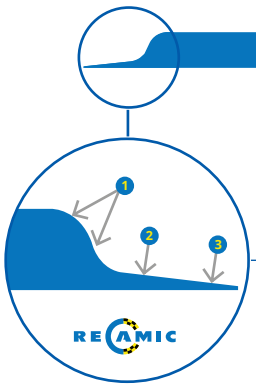
Urban Transport	170	200	210	220	225	230	240	250	260
XZU3	☐	☐	☑	☑	☐	☑	☑	☑	☐
XZU3	☐	☐	☑	☑	☐	☑	☐	☐	☐

URBAN TRANSPORT

Worksite (On-Off Road)	170	200	210	220	225	230	240	250	290
XZY2	☐	☐	☑	☑	☐	☑	☑	☑	☐
XZY3	☐	☑	☑	☑	☐	☑	☑	☐	☐
XDY3	☐	☐	☑	☑	☐	☑	☑	☑	☐
XZH	☐	☐	☑	☑	☐	☑	☐	☐	☐

(1)tread base width
(2)B: Bavette. wing tread

RETREAD
EXCLUSIVE SOLUTION



WING TREAD

An unrivaled resistance to scrubbing on trailer axles.

1

Shape studied to avoid tearing and increase resistance to scrubbing

2

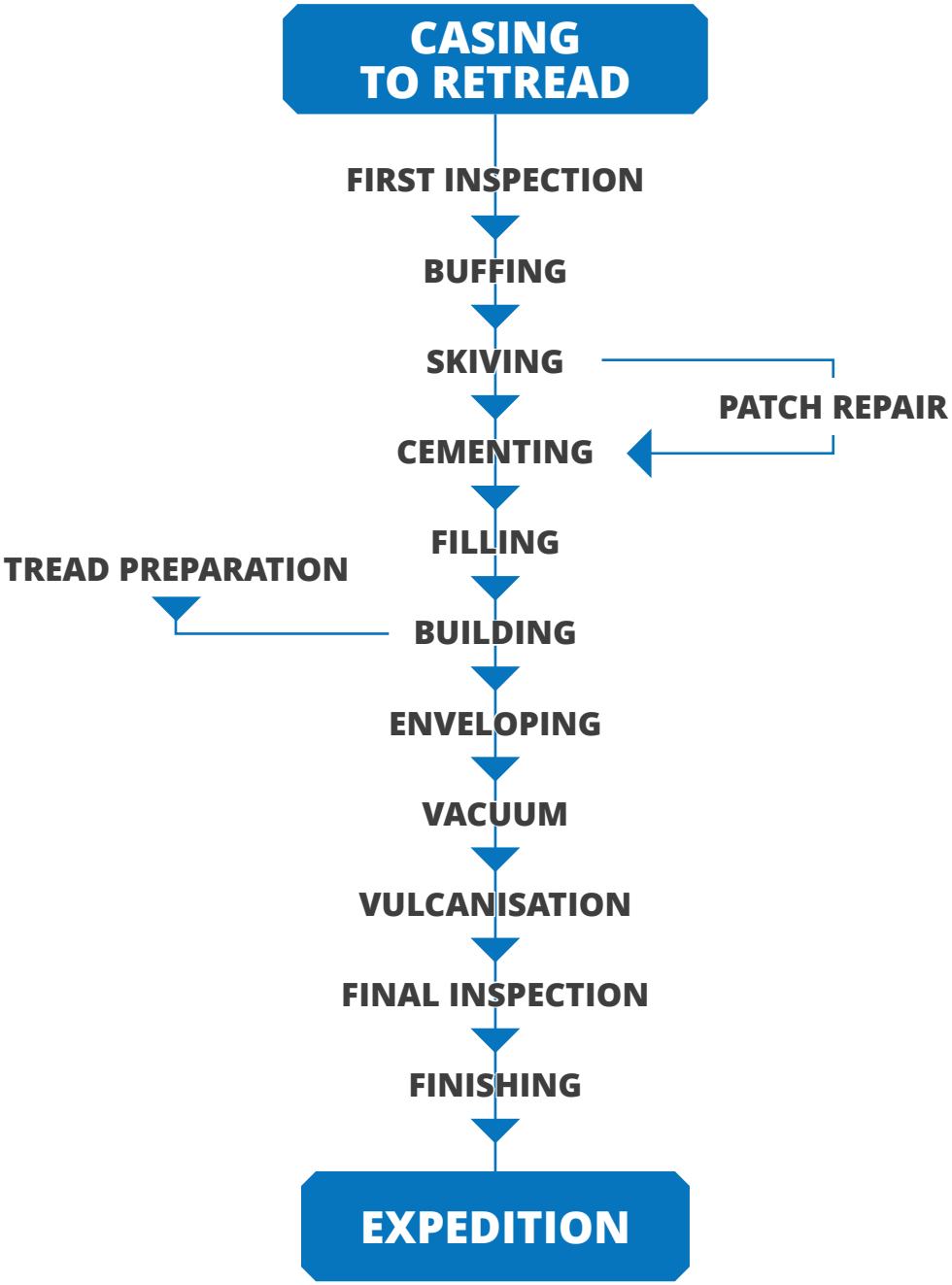
Tapered thickness for optimal flexibility:
- perfectly matches the shape
- elminates the risk of trapping air in the shoulder area

3

Greater wing tread length:
- distribution of effort
- resistance to scrubbing
- perfect final appearance

MICHELIN RETREAD TECHNOLOGIES

COLD RETREADING PROCESS



MICHELIN RETREAD TECHNOLOGIES

WHY RETREAD?

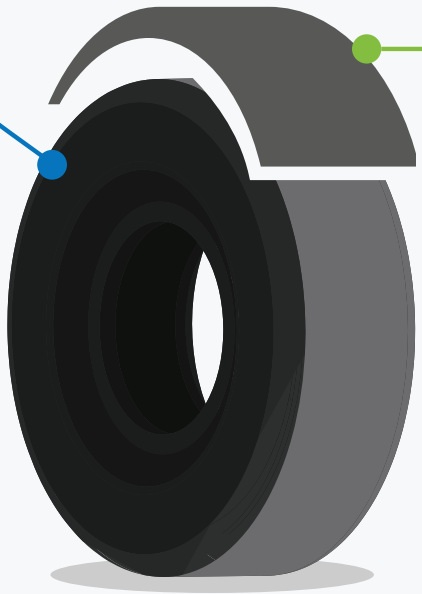
One retread tyre means:

RIGHT FOR THE BUSINESS

EXCELLENT MILEAGE
at 90%
vs new tyre[1]

A retread tyre is
50% CHEAPER
than an equivalent new tyre.[2]

Casing can be retreaded
MULTIPLE TIMES.[3]



RIGHT FOR THE PLANET

115 Kg OF CO_2
not released into the atmosphere[4]

50 Kg OF RAW MATERIALS
not consumed[5]

Retreading, a winning choice!

(1) Mileage data is E2A average. Based on Michelin E2A Internal study.
(2) Cost compared with a new tyre, with the same tread pattern at equivalent usage condition.
(3) Depends on the casing condition and usage conditions. For optimal usage, it must follow a strict compliance with these conditions: casing quality, retreader qualifications and points of inspection
(4) The CO_2 impact of a retreaded tyre is linked to the material saving, or 115 kg of CO_2 representing 50 kg of raw material savings, at a rate of 2.3 kg of CO_2* per kg of raw materials. *Equivalence between CO_2 and a litre of fuel or kilogram of raw material is calculated in this way: The emissions factor of 3.24 kg of CO_2 for 1 litre of diesel comes from the life cycle assessment conducted by ADEME for pure diesel. It includes emissions during the diesel production stages (17%) and during its combustion (83%). Source: ADEME, Study "Well to wheel - JEC", v4, july 2014. The emissions factor of 2.3 kg of CO_2 for 1 kg of tire comes from the life cycle assessment calculations for production of a tyre cradle to gate), conducted internally by Michelin using the calculation rules developed by the tire manufacturing profession (TIP). It includes stages including extraction of raw materials, transportation, manufacturing, and distribution. Source: UL Environment Standard, "Product Category Rules for preparing an Environmental Product Declaration for the product category: Tyres, v3.05, february 2022."
(5) A new tyre ready to be retreaded weighs 50 kg on average.

RETREADING TRUCK TYRES
100 YEARS
more relevant now than ever

www.business.michelin.com.au

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