

RETREAD TIRE
&
BAND of precured tread
for TRUCK & BUS



 **HnY Tires CO., LTD.**

Manufacturing Process

Inspection of worn casing

Determines grade of casing purchased from outside. The most important process because the quality of retread tire depends much on its casing. So HnY inspects every casing 4 times: at the purchasing place, when put into warehouse, on electrode inspection machine, and after buffing.



Buffing

Removes remaining old tread rubber from the worn casing in order to attach a new tread on it. This work is done on automatic buffing machine controlled by computer.



Building

Builds up or attaches new tread on a buffed casing.



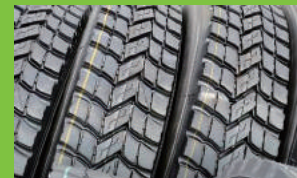
Vulcanizing

Puts retreaded casing into mold or chamber and vulcanizes its new tread. HnY has a patented mold design technology to find optimum mold profile with casing's for hot cap.



Final Inspection and Shipment

Final process in which inspector with a lot of experience and know how judges good or not and trims all passed tires.



Hot Cap



Green tread is built on a buffed casing and then vulcanized in mold.

The exterior of this retreaded tire is almost same as a new tire.

Cold Cap

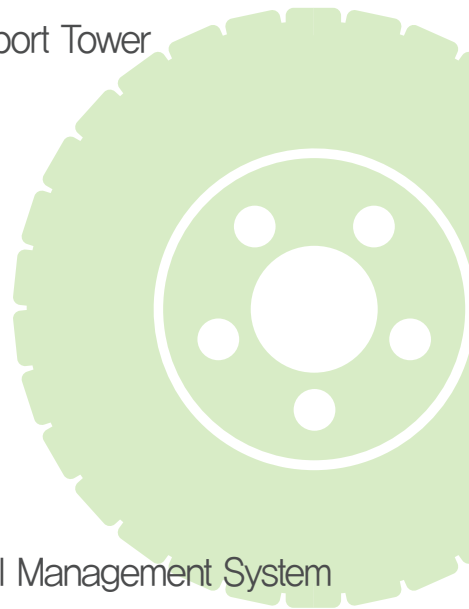


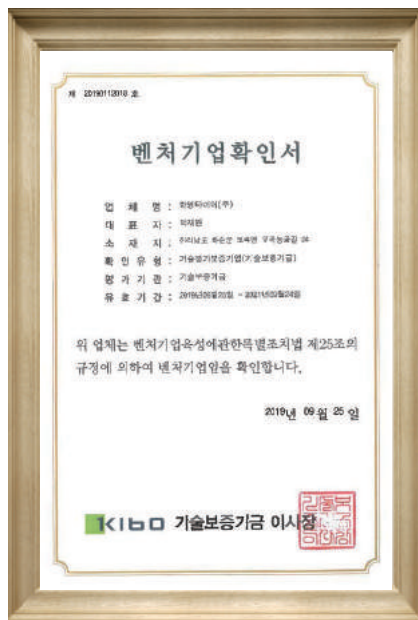
Precured tread band is attached on a buffed casing and then cured in chamber.

Casing is healthier and process is more economical because casing is less heated.

History

- Dec. 2002 Establish HnY Tires Co., Ltd.
- Jan. 2006 Awarded Export Award by Jeon-nam provincial government
- May. 2007 Obtain ISO9001/14001 Certificate
- Nov. 2007 Launch OEM deal with HANKOOK TIRES
- Apr. 2008 Obtain Quality Assurance Certificate Award from KSA
- Mar. 2009 Obtain a patent on tire mold design technology
- Nov. 2011 Awarded a Presidential Award of \$5 million Export Tower
- Dec. 2012 Achieve \$10 million export
- May. 2016 Obtain ECE(E9) certification
- Mar. 2017 Certified as a Green Technology Enterprise
- Apr. 2019 Certified as an enterprise having Environmental Management System
- Jul. 2019 Obtain a patent on retread tire molding device





Certificates



Promising Enterprise



Innovative Biz



Enterprise of well
developing human-resource



Small but strong enterprise



Environmental Management
System



Product Certificate

COLD CAP **CD01**



Efficiency & Feature

- For on & off-the-road and logging application.
- Wide and deep tread for long mileage.
- Non-uniform groove angles to prevent stone holding and drilling.

Applications

Dump Truck, Garbage Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	19.5	25
12R22.5	16, 18	19.5	25

COLD CAP **CL01**



Efficiency & Feature

- All position of Trailer.
- Designed to provide even wear and minimize lateral sliding.
- Low noise and comfortable ride.

Applications

Trailer / B.C.T.



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	15.0	19
12R22.5	16, 18	15.0	19

COLD CAP **CL02**



Efficiency & Feature

- Wide and deep tread to enhance mileage per cost.
- Modern pattern with directional grooves.
- Good traction & performance of going straight.

Applications

Truck / City Bus



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	16.5	21
12R22.5	16, 18	16.5	21

COLD CAP **CM01**



Efficiency & Feature

- Extra deep on & off-the-road application for mining and construction site.
- Wide tread design with strong and aggressive tread blocks ensure excellent forward and lateral traction and long mileage.

Applications

Mixer Truck, Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	21.5	27
12R22.5	16, 18	21.5	27

COLD CAP CM07



Efficiency & Feature

- Excellent traction and braking ability.
- Special tread compound to endure cut & chip.

Applications

Mixer Truck, Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	21.0	26
12R22.5	16, 18	21.0	26

COLD CAP CM15



Efficiency & Feature

- Extra deep on & off-the-road application for logging and construction sites.
- Wide tread design with strong and aggressive tread blocks ensure excellent forward and lateral traction and long mileage.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	23.5	30
12R22.5	16, 18	23.5	30

COLD CAP CM17



Efficiency & Feature

- High torque & traction applications.
- Special design for mud and rainy road.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	23.5	30
12R22.5	16, 18	23.5	30

COLD CAP CR01



Efficiency & Feature

- Drive wheel position.
- Powerful traction and braking ability on both rainy and snowy road.

Applications

Bus, Cargo Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	17.0	21
12R22.5	16, 18	16.5	21

COLD CAP CR03



Efficiency & Feature

- Drive wheel position.
- Aggressive and wide tread design offers excellent forward and lateral traction.

Applications

Bus, Cargo Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	17.0	21
12R22.5	16, 18	15.5	20

COLD CAP CR07



Efficiency & Feature

- Longer mileage with solid shoulder rib and excellent traction with strong block.

Applications

Tractor



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	18.0	23

HOT CAP

HD01**Efficiency & Feature**

- For on & off-the-road and logging application.
- Wide and deep tread for long mileage.
- Non uniform groove angles to prevent stone holding and drilling.

Applications

Dump Truck, Garbage Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	19.5	25

HOT CAP

HL01**Efficiency & Feature**

- 5-rib pattern for even distribution of contact pressure and driving stability.
- Excellent traction with strong block.

Applications

Tractor Trailer



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	15.0	19
12R22.5	14, 16	15.0	19

HOT CAP HM05D



Efficiency & Feature

- Drive axle tire with extra deep traction for both on & off-the-road service.
- Powerful lug pattern tread ensure excellent road grip under logging and construction conditions.
- Special tread compound to endure chip & cut conditions.
- Good durability and long mileage.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11.00-20	16	29.0	37

HOT CAP HM06



Efficiency & Feature

- Rib-lug pattern to improve directional stability.
- Minimize running temperature.

Applications

Mixer Truck, Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	21.0	26

HOT CAP

HM07



Efficiency & Feature

- High performance tread compound.
- Excellent traction and braking ability.
- Minimize running temperature.

Applications

Mixer Truck, Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	21.0	26

HOT CAP

HM09



Efficiency & Feature

- Excellent braking ability with wide block pattern.
- Good durability and long mileage.

Applications

Mixer Truck, Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	21.0	26

HOT CAP

HM10**Efficiency & Feature**

- Extra deep tread for on & off road service.
- Heavy tread block for powerful traction on logging and construction sites.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	22.0	28
12R22.5	16, 18	22.0	28

HOT CAP

HM11**Efficiency & Feature**

- Extra deep tread for on & off road service on drive axle.
- Cut & chip resistant compound.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	21.0	26

HOT CAP HM12D



Efficiency & Feature

- Deeper grooves with enhanced stone ejector platforms prevent stone drilling.
- Long mileage.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	24.5	31

HOT CAP HM13D



Efficiency & Feature

- Provides outstanding traction on the rough road.
- Strong resistance to chip & cuts under severe off the road applications.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	24.5	31

HOT CAP

HM15D



Efficiency & Feature

- Extra deep tread for on & off-the-road application on logging and construction sites.
- Wide tread design with strong and aggressive tread blocks ensure excellent forward and lateral traction and long mileage.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	24.5	31

HOT CAP

HM17D



Efficiency & Feature

- Provides outstanding traction on rough road.
- Chip & cuts resistance under severe off the road applications.

Applications

Dump Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	24.5	31

HOT CAP

HR06

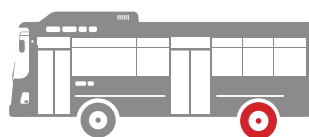


Efficiency & Feature

- Longer mileage and excellent traction tire for bus.
- Even wear.

Applications

Bus



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	21.0	26

HOT CAP

HR08



Efficiency & Feature

- On & off road driving position.
- Block stiffness to prevent irregular wear and reduce noise.
- Longer mileage.

Applications

Bus / Truck



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	21.0	26
275/70R22.5	14, 16	21.0	26

HOT CAP

HR09



Efficiency & Feature

- Strong braking power and driving force for rear wheels.
- Maintain uniform wear and improve mileage.
- Rolling performance improvement.

Applications

Dump(suitable for pavement)



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
12R22.5	16, 18	20.0	25

HOT CAP

HR10



Efficiency & Feature

- Excellent driving and braking performance.
- Long tread life due to special tread compound designed for city bus operation.

Applications

Double Deck Bus



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
295/80R22.5	16, 18	22.0	28

HOT CAP

HS01



Efficiency & Feature

- Studless snow tire pattern.
- Excellent performance on snowy and ice road.

Applications

Dump Truck, City Bus



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	17.5	22

HOT CAP

HS02



Efficiency & Feature

- For snowy and wet conditions.
- Studless snow tire pattern.
- Wide and deep tread depth for long life with low noise pattern.

Applications

Dump Truck, City Bus



Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	17.5	22

HOT CAP

HS03

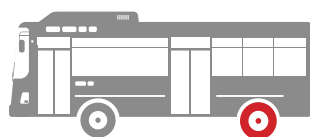


Efficiency & Feature

- Excellent driving performance on snow.
- Long mileage on uphill and downhill area.

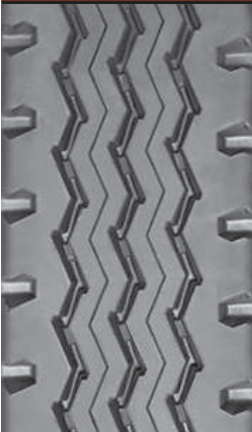
Applications

Bus



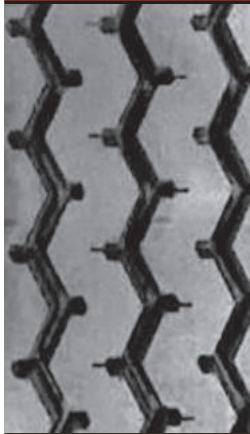
Tire Size	PR	Tread Depth	
		mm	32nds(inch)
11R22.5	14, 16	21.5	27

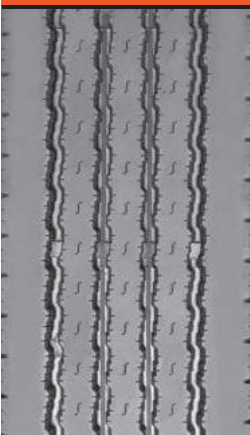
BAND of precured tread

CD01				
	mm	inch	mm	inch
	203	8.0	19.5	25/32
	216	8.5		
	220	8.7		
	241	9.5		
	254	10.0		

»» Driving wheels on garbage truck and dump truck.

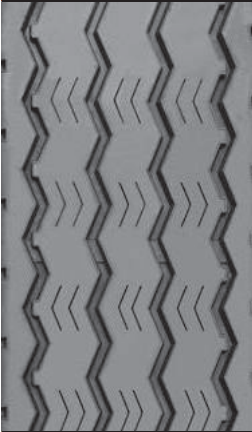
»» Wide and deep tread for long mileage.

CD02				
	mm	inch	mm	inch
	215	8.5	13.5	17/32
	220	8.7	16.0	20/32
	240	9.5	16.0	20/32
»» Driving and trailer position of truck. »» Satisfactory for any condition.				

CL01				
	mm	inch	mm	inch
	216	8.5	15.0	19/32
	231	9.0	15.0	19/32
»» Long distance Vehicle like trailer and bus. »» Low noise and comfortable ride.				

CL02				
	mm	inch	mm	inch
	235	9.0	16.5	21/32
»» Long distance vehicle like trailer and bus. »» Modern pattern with directional grooves.				

BAND of precured tread

CL03				
	mm	inch	mm	inch
	175	7.0	7.5	9/32
	175	7.0	8.5	11/32
»» Shallow tread for light duty truck and bus. »» Low rolling resistance.				

CL04				
	mm	inch	mm	inch
	220	8.7	14.0	18/32
	240	9.5	14.0	18/32
»» All position of trailer. »» Good straight forwardness and even wear				

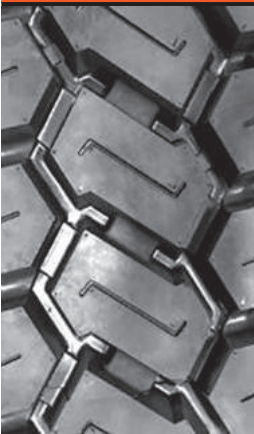
CL05				
	mm	inch	mm	inch
	219	8.7	8.5	11/32
				
»» Low rolling resistance.				

CM01				
	mm	inch	mm	inch
	206	8.0	21.5	27/32
	225	9.0		
235	9.5			
				
>>> Vehicle in mining area. >>> Excellent in anti-chipping & cutting.				

BAND of precured tread

CM07				
	mm	inch	mm	inch
	231	9.0	21.0	26/32
>>> Vehicle in mining area. >>> Excellent in anti-chipping & cutting.				

CM14				
	mm	inch	mm	inch
	250	10.0	19.0	24/32
	260	10.5	19.0	24/32
>>> Excellent traction power and braking performance. >>> Minimize heating on a driving axle.				

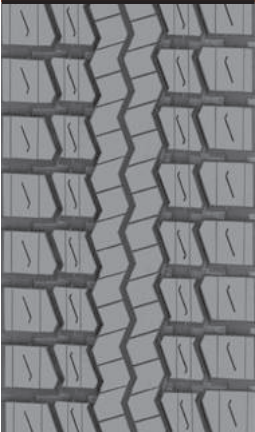
CM15				
	mm	inch	mm	inch
	228	9.0	23.5	30/32
>>> Extra deep and off the road application for logging and construction sites. >>> Wide tread design with strong and aggressive tread blocks ensure excellent forward and lateral traction and long mileage.				

CM17				
	mm	inch	mm	inch
	230	9.0	23.5	30/32
>>> The deeper grooves with enhanced stone ejector platforms prevent stone drilling. >>> Long mileage.				

BAND of precured tread

CR01				
	mm	inch	mm	inch
	205	8.0	17.5	22/32
	216	8.5	17.0	21/32
	231	9.0	16.5	21/32
»» Driving wheels on cargo truck and bus. »» Powerful traction and braking ability.				

CR02				
	mm	inch	mm	inch
	173	7.0	15.0	19/32
»» Light truck. »» All season tread.				

CR03				
	mm	inch	mm	inch
	216	8.5	17.0	21/32
	231	9.0	15.5	20/32
»» Driving wheels on trailer and city bus. »» Excellent forward and lateral traction.				

CR05				
	mm	inch	mm	inch
	250	10.0	20.0	25/32
»» Driving wheels on trailer and city bus. »» Excellent performance on wet and snowy road.				

BAND of precured tread

CR07				
	mm	inch	mm	inch
	230	9.0	18.0	23/32
»» Driving wheels on tractor and trailer. »» Closed shoulder rib increase safety and driving performance.				

CR09				
	mm	inch	mm	inch
	255	10.0	19.0	24/32
	265	10.5	19.0	24/32
»» Strong braking power and driving force for rear wheel. »» Maintain uniform wear and improve mileage. Rolling performance improvement.				

CS03				
	mm	inch	mm	inch
	220	8.7	21.5	27/32
»» Trailer and Truck. »» Premium snow tire optimized for exceptional traction and mileage.				

CS05				
	mm	inch	mm	inch
	240	9.5	17.5	22/32
»» Trailer and Bus. »» Studless pattern design				

RETREAD TIRE & BAND of precured tread for TRUCK & BUS

HnY Tires

*Safe and economical tires!
Run the world wide*



2021. 09



 **HnY Tires CO., LTD.**

264, DAEGOK RI, DOGOK MYEON, Hwasun Gun, Jeonnam, Korea

TEL : 82-61-372-0245 FAX : 82-61-372-0246

E-mail : hnytires@nate.com Homepage : <http://www.hnytires.com>



전라남도 수출정보망
JeollaNamdo Export Information

This catalog was produced with the support jeollanamdo provincial goverment in 2021.
본 카탈로그는 2021년 전라남도의 지원사업으로 제작되었습니다.