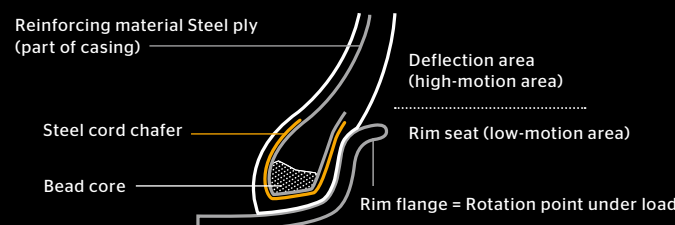


# Winter safety and savings through mileage and fuel efficiency.

The Goods casing means that the safety of the W-Line tires doesn't come at the cost of mileage and fuel efficiency. It is an integrated system of sophisticated details – and the foundation for lowest overall driving costs.

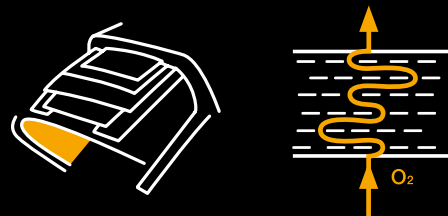
### Steel cord chafer

Steel cord chafer with high fiber density and compact layout.



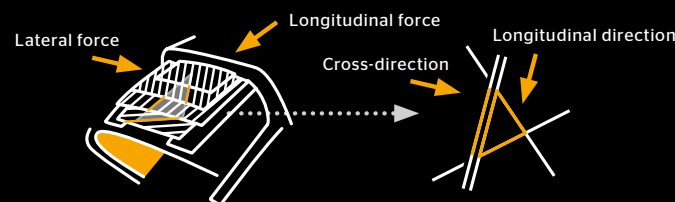
### Air-Keep inner liner

Denser molecular structure at the nano level means less gas diffusion and up to 50 % longer maintenance of inflation pressure.\*



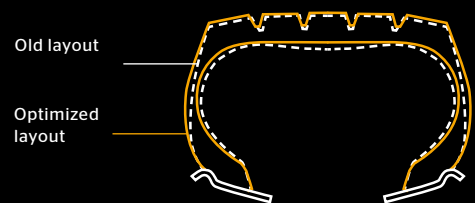
### Triangular belt

The triangular structure of the belt layer means more sturdiness in the longitudinal direction and increased flexibility in the belt edge area.



### Layout

Optimized tire layout for more air volume and less tension during service.



\* compared with conventional technology

### Mileage/Durability

Longer overall lifespan through better rim seat and less sidewall deformation.

### Fuel savings

The sturdier bead package increases the overall rigidity of the tire while reducing deformations and rolling resistance.

Maintaining proper inflation pressure longer decreases material erosion while keeping aggressive oxygen out.

With the maintained inflation pressure the tire stays in shape longer while keeping the rolling resistance at its optimal level.

Less tension by less stiffness differences between tire shoulder and belt edge. The result: more even wear and longer tire life.

Increased sturdiness in the driving direction significantly reduces rolling resistance.

The improved layout reduces unnecessary deformations, improves frictional energy distribution and prevents irregular wear.

Less tension and fewer deformations mean reduced energy loss and less rolling resistance.

## Technical data and air pressure recommendations

Tire size	Operating code				EU tire label				Rim width	Tire dimensions						Load capacity (kg) per axle at tire pressure <sup>6)</sup> (bar) (psi)																											
	Pattern	LI/SL <sup>1)</sup>	PR	M+S	Speed Index and reference speed (km/h)	TT/TL <sup>2)</sup>	T <sup>3)</sup>	E <sup>4)</sup>		C <sup>5)</sup>	Min. distance between rim centers	Max. standard value in service		Actual value	Stat. radius	Rolling circumference	Tire fitment	LI <sup>1)</sup>	7.5 (109)	8.0 (116)	8.5 (123)	9.0 (131)																					
												Width	Outer-Ø										Width +1%	Outer-Ø ±1%	±1.5%	±2%																	
445/45 R 19.5	HTW 2 SCAN	160/-J		M+S	J 100	TL	C	C	+	73	14.00		454	911	436	903	416	2712	160	S	7775	8190	8595	9000																			
355/50 R 22.5	HSW 2 SCAN XL	156/-K	18	M+S	K 110	TL	C	C	+	73	11.75		375	942	361	928	435	2860	156	S	6910	7280	7640	8000																			
385/55 R 22.5	HSW 2 SCAN	160/-K (158/-L)	20	M+S	K 110 (L 120)	TL	D	C	+	73	11.75	12.25	396	1012	381	996	461	3059	160	S	7775	8190	8595	9000																			
	HTW 2 SCAN	160/-K (158/-L)	20	M+S	K 110 (L 120)	TL	D	C	+	73																																	
295/60 R 22.5	HDW 2 SCAN	150/147 L	18	M+S	L 120	TL	D	C	+	75	9.00	329	304	940	292	926	435	2860	150	S	5790	6095	6400	6700																			
315/60 R 22.5	HSW 2 SCAN XL	154/150 L	20	M+S	L 120	TL	C	C	+	73	9.00	9.75	344	318	966	305	950	444	2932	154	S	6480	6825	7160	7500																		
	HDW 2 SCAN	152/148 L	20	M+S	L 120	TL	D	C	+	75																152	150	148	158	158	158	158	158	158	158	158	158	158	158	158			
385/65 R 22.5	HSW 2 SCAN	160/-K (158/-L)	20	M+S	K 110 (L 120)	TL	D	C	+	73	11.75	12.25	405	1092	389	1072	495	3267	160	S	7775	8190	8595	9000																			
	HTW 2 SCAN	160/-K (158/-L)	20	M+S	K 110 (L 120)	TL	D	C	+	73																																	
275/70 R 22.5	HDW 2 SCAN	148/145 M	16	M+S	M 130	TL	E	C	+	75	7.50	303	279	974	267	968	447	2989	148	S	5440	5730	6015	6300																			
315/70 R 22.5	HSW 2 SCAN XL	156/150 L (154/150 M)	18	M+S	L 120 (M 130)	TL	D	C	+	73	9.00	9.75	351	318	1032	312	320	1014	468	3090	156	S	6910	7280	7640	8000																	
	HSW 2 SCAN	154/150 L (152/148 M)	18	M+S	L 120 (M 130)	TL	D	C	+	73																	154	152	150	148	158	158	158	158	158	158	158	158	158	158	158		
	HDW 2 SCAN	154/150 L (152/148 M)		M+S	L 120 (M 130)	TL	D	C	+	75																	154	152	150	148	158	158	158	158	158	158	158	158	158	158	158	158	158
	HDW SCAN ContiRe	152/148 M (154/150 L)		M+S	M 130 (L 120)	TL	-	-	-	-																	154	152	150	148	158	158	158	158	158	158	158	158	158	158	158	158	158
295/80 R 22.5	HSW 2 SCAN	152/148 M	16	M+S	M 130	TL	D	C	+	73	8.25	9.00	326	302	1062	290	298	1044	487	3185	152	S	6420	6760	7100	12600																	
	HDW 2 SCAN	152/148 M		M+S	M 130	TL	E	C	+	75																	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152		
	HDW 2 SCAN ContiRe	152/148 M		M+S	M 130	TL	-	-	-	-																	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
315/80 R 22.5	HSW 2 SCAN	156/150 L (154/150 M)	20	M+S	L 120 (M 130)	TL	D	C	+	73	9.00	9.75	351	318	1096	312	320	1076	500	3280	156	S	6910	7280	7640	8000																	
	HSW 2 SCAN	156/150 L (154/150 M)		M+S	L 120 (M 130)	TL	E	C	+	75																	156	154	150	150	158	158	158	158	158	158	158	158	158	158	158		
	HDW 2 SCAN	156/150 L (154/150 M)		M+S	L 120 (M 130)	TL	-	-	-	-																	156	154	150	150	158	158	158	158	158	158	158	158	158	158	158	158	158
	HDW 2 SCAN ContiRe	156/150 L (154/150 M)		M+S	L 120 (M 130)	TL	-	-	-	-																	156	154	150	150	158	158	158	158	158	158	158	158	158	158	158	158	158
13 R 22.5	HDW	154/150 K		M+S	K 110	TL	E	C	+	73	9.00	351	318	1146	312	320	1124	521	3428	154	S	6785	7140	7500	13400																		

Data acc. to DIN 7805/4, WVK-Guidelines 13/12, 14/2/2, 143/14, 143/25  
 1) Load index single/dual wheel fitment and speed symbol  
 2) TT = Tube Type, TL = Tubeless  
 3) Fuel efficiency  
 4) Wet grip  
 5) External rolling noise (db)  
 6) For tire pressures of 8.0 bar (116 psi) or greater, use valve slit cover plate



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## A clever concept for Winter use: The Goods W-Line.

HSW 2 SCANDINAVIA  
 HDW 2 SCANDINAVIA  
 HTW 2 SCANDINAVIA

Tires that provide safety in every sense of the word: on tough wintry roads and under an even-tougher business environment. Far beyond the cold of winter – for the entire life of the tire.



HSW 2 SCANDINAVIA HDW 2 SCANDINAVIA HTW 2 SCANDINAVIA





## Good grip. Low costs.

A clever concept.



The light yet highly rigid casing of all Continental Truck Tires Goods means better durability and lighter rolling. And the individual treads featured in the W-Line maximize these strengths. The W-Tread patterns and compounds optimized for different axles and conditions ensure reliable economic performance in snow, ice and mud as well as on dry roads.

### Product highlights

#### Grip | Traction | Safety



- › Deeper and higher density of lateral grooves and sipes for better grip over lifetime (compared with predecessor)

- › Adjusted number and distribution of grip edges and open shoulders for good grip and high durability

- › Optimized tread compound

#### Mileage



- › Increased tread volume (compared with predecessor)

- › Retarder-optimized HDW 2 SCANDINAVIA tread pattern

- › Shoulder block tie-bars for more durable tread

- › Two-phase tread for all-season use at HSW 2 SCANDINAVIA and HTW 2 SCANDINAVIA

#### Retreadability

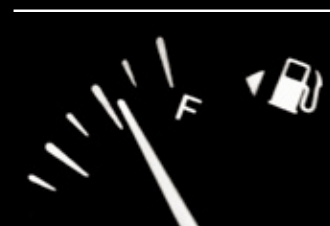


- › Steel cord chafer and air-keep inner liner for sustainable casing value

- › Triangular belt designed also for excellent traction in winter conditions

- › Premium Goods casing with C2 guarantee

#### Fuel efficiency



- › Increased tire pattern rigidity reducing deformations and thus lowering rolling resistance

- › Less energy loss due to optimized footprint

- › Well balanced belt-to-tread width ratio to improve deflection on the tread area for better rolling resistance

- › Air-Keep inner liner to maintain proper inflation pressure for longer time

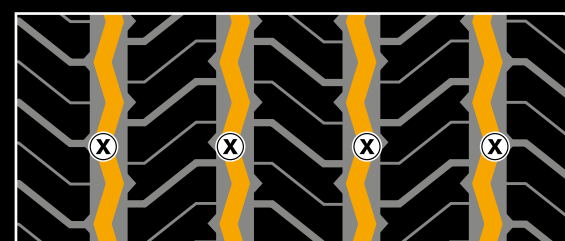
## HSW 2 SCANDINAVIA



### For excellent grip and mileage:

- › Wide shoulder ribs
- › Finely structured rib profile with high density of lateral grooves and sipes
- › Compound for optimal grip
- › Two-phase tread design: After the winter tread has worn down, a steering tire with fewer sipes and excellent fuel efficiency remains

### Regrooving recommendations



Size	Depth (mm)	Width (mm)
385/55 R 22.5	3.0	10-12
385/65 R 22.5	3.0	10-12

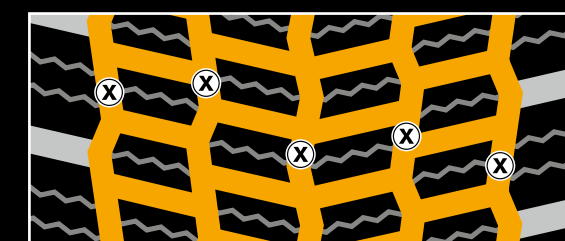
## HDW 2 SCANDINAVIA



### For best traction and long life:

- › More grip edges through serrated sipes (compared with predecessor)
- › 3D-technology for block support and protection from braking and acceleration forces
- › Compound for optimal traction
- › Directional drive pattern design to withstand strong retarder forces

### Regrooving recommendations



Size	Depth (mm)	Width (mm)
295/60 R 22.5	3.5	6
315/60 R 22.5	4.0	6
275/70 R 22.5	3.0	6
315/70 R 22.5	3.0	6
295/80 R 22.5	3.0	6
315/80 R 22.5	3.5	6-7
13 R 22.5	3.0	6

## HTW 2 SCANDINAVIA



### For excellent grip and mileage:

- › Wide and open shoulder ribs for optimal directional stability
- › Rib pattern with high number of lateral grooves and sipes
- › Compound for optimal grip
- › Two-phase tread design: After the winter tread has worn down, a trailer tire with fewer sipes and excellent fuel efficiency remains

### Regrooving recommendations



Size	Depth (mm)	Width (mm)
385/55 R 22.5	3.0	10
385/65 R 22.5	3.0	10