Product Definitions and Quick Links

Agriculture Application – Fronts on Garden Tractors and Implements (TR01)

Agri Front
Structure: Bias/Radial
Inflation: N
Tread Type: F1, F2, F3

Agri Implement
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: I1, I2, I3

Agri Flotation
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: HF1, HF2, HF3

Agri Small Tractor, Mower
Structure: Bias/Radial
Inflation: N
Tread Type: G1, G1W, G2, HF1, HF2, HF3, R1, R3, R4

Agriculture Application – Tractors, Combines, Harvesters, Applicators, Grain Carts/Wagons Self-Propelled Sprayers (TR02)

Ag Tractor
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3

Ag Tractor (Multi-Applications)
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R4

Harvester/Combine
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3

Applicator
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W

Grain Cart, Wagon
Structure: Bias/Radial
Inflation: N/IF/VF
Tread Type: R1, R1W, R2, R3

Forestry Application (TR03)

Skidder (Cable or Grapple)
Structure: Bias
Inflation: N
Tread Type: LS2, HF1, HF2, HF3, HF4

Forwarders, Cut to Length (CTL), Feller Bunchers
Structure: Bias/Radial
Inflation: N
Tread Type: I3

Forestry/Ag Tractor
Structure: Bias/Radial
Inflation: N
Tread Type: I3, R1, R1W

Industrial/Construction Application (TR04)

Skidsteers, Mini-Loaders, Industrial Tractors (Backhoes), Wheeled Excavators, Telehandlers, Agro Industrial, Pavers/Compactors

Structure: Bias/Radial

Inflation Type: N

Tread Type: R4 = (C1, E7, F2, F3, HF1, HF2, HF3, I1, I3, L3, L4, L5, MPT, R1, R3, R4)

Tread Type Definitions

R1 Standard bar-type farming design, tread-to-void ratio ~70%

R1W 20% deeper skid depth than **R1**

R2 Drive tire, double the tread depth of **R1**, typically 45-degree bar angle

R3 Non-aggressive diamon/turf-type tread pattern causing minimal ground disturbance; void area only around 30%




Tread Type Definitions Continued

R4 (TR02) Multi-use ag tractor tire

R4 (TR04) Construction and light industrial (backhoes and end loaders); tread depth is ~70% of the **R1** depth; tread-to-void ratio is typically 50/50

I1 Shallow multi-rib implement

I2 Turf-type, diamond treat pattern; flotation implement

I3 Bar-type tread pattern; traction implement

F1 Agricultural steer tire, single rib tread

Tread Type Definitions Continued

F2 Agricultural steer tire, multi-rib tread

F3 Industrial multi-rib tread

G1 Regular traction tread

G2 Turf traction tread

HF1 High flotation, shallow tread depth

HF2 High flotation, standard tread depth

HF3 High flotation, deep tread depth

Tread Type Definitions Continued

HF4 High flotation, extra deep tread depth

LS2 & LS3 Log skidder tire

Tread Type Excel Grid

AEM Product Code	Industry Segment	Application	Structure	Inflation	Tread Type	TIRE TYPE
TR01	**AGRICULTURE Front Implement Trailer Small Tractor**	Agri Front	Bias	N	F1, F2, F3	Steering Tires
		Agri Implement	Bias	N	I1, I2, I3	Implement Tires
			Radial	N, IF, VF	I1, I2, I3	Implement Tires
		Agri Flotation	Bias	N	HF1, HF2, HF3	Flotation Tires
			Radial	N, IF, VF	HF1, HF2, HF3	Flotation Tires
		Agri Small Tractor, Mower	Bias	N	G1, G1W, G2 HF1, HF2, HF3 R1, R3, R4	Drive / Rolling tires for Small tractor (Turf) <16 bead size
TR02	**AGRICULTURE Tractor Applicator Harvester Cart / Wagon**	Ag Tractor	Bias	N	R1, R1W, R2, R3	Front / Drive
			Radial	N, IF, VF	R1, R1W, R2, R3	Front / Drive
		Ag Tractor (Multi-Applications)	Bias	N	R4	Front / Drive
			Radial	N, IF, VF	R4	Front / Drive
		Harvester/Combine	Bias	N	R1, R1W, R2, R3	Drive / Rolling Wheel
			Radial	N, IF, VF	R1, R1W, R2, R3	Drive / Rolling Wheel
		Applicator	Bias	N	R1, R1S, R1W	Drive / Rolling Wheel
			Radial	N, IF, VF	R1, R1S, R1W	Drive / Rolling Wheel
		Grain Cart/Wagon	Bias	N	R1, R1W, R2, R3	Rolling Wheel
			Radial	N, IF, VF	R1, R1W, R2, R3	Rolling Wheel
TR03	**FORESTRY**	Skidder (Cable or Grapple)	Bias	N	LS2, HF1, HF2, HF3, HF4	Drive / Rolling
		Forwarders / CTL/ Feller Bunchers	Bias/Radial	N	I3	Drive / Rolling
		Forestry/Ag Tractor	Bias/Radial	N	I3, R1, R1W	Drive / Rolling
TR04	**INDUSTRIAL CONSTRUCTION All Reported as R4**	Skidsteer, Mini-Loader Tires	Bias/Radial	N	R4=(HF1, HF2, HF3, L5, R4, L3, L4, MPT, I1, I3, F2, F3, R1, R3, C1, E7)	Industrial / High Flotation
		Industrial Tractor (Backhoe)	Bias/Radial	N		Industrial / High Flotation
		Wheeled Excavator	Bias/Radial	N		Industrial / High Flotation
		Telehandlers	Bias/Radial	N		Industrial / High Flotation
		Agro Industrial	Bias/Radial	N		Industrial / High Flotation
		Paver / Compactors	Bias/Radial	N		Industrial / High Flotation