

## TPE HIGH-TEMP Wheels

Capacity up to 350 lbs each



TPE HI-TEMP wheels are perfect when you need an economical alternative for moderately high temperature environments. The wheels are crafted of grey thermoplastic elastomer tread chemically bonded to a white polyolefin core and feature a single insert molded stainless steel radial bearing. TPE HI-TEMP are ideal for medical applications and environments requiring wash down.

**Temperature Range:** -40°F to 180°F with intermittent temperature up to 300°F.

**Hardness:** 65(±5) Durometer Shore A scale.

### Colson TPE HIGH-TEMP Wheels • Capacity up to 350 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3 1/2"	1 1/4"	225	Precision Ball	2.00003.414 H	5/8"	-	3/4"	3/8"	1 1/2"	-	3/4
4"	1 1/4"	250	Precision Ball	2.00004.414 H	5/8"	-	3/4"	3/8"	1 1/2"	-	7/8
5"	1 1/4"	300	Precision Ball	2.00005.414 H	5/8"	-	3/4"	3/8"	1 1/2"	-	1

## ThermoTech® Wheels

Capacity up to 250 lbs each



Colson ThermoTech Wheels feature a rubber tread that can take the heat. They are quiet and non-marking for superior floor protection. The rubber tread is an advanced technology rubber compound bonded to an aluminum core.

**Temperature range:** -45°F to +525°F intermittent service (+490°F continuous service).

**Hardness:** 75(±5) Durometer Shore A scale.

### Colson ThermoTech Wheels • Capacity up to 250 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
4"	1 1/4"	250	Teflon	2.00004.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	-	3/4
5"	1 1/4"	250	Teflon	2.00005.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	-	3/4
6"	1 1/4"	250	Teflon	2.00006.613 H	1/2"	N/A	15/16"	3/8"	1 1/2"	-	3/4

CasterDepot®

# Thermo® Wheels

Capacity up to 1100 lbs each



Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, +480°F continuous service). These wheels are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption, high load capacities and long service life. A special manufacturing process enables the wheels to retain a consistent bearing bore even when exposed to elevated temperatures. Furthermore, Thermo wheels are 100% recyclable, and they are highly resistant to animal fats, vegetable oils and salt solutions. The life expectancy of Thermo wheels is three times longer than high-temp phenolic wheels, and they offer an equal load capacity. Unlike high-temp phenolic wheels, Colson Thermo wheels have no outer skin that can break and absorb water or other fluids.

**Temperature range:** -70°F to +525°F intermittent service (+480°F continuous service).

**Hardness:** 85(±5) Durometer Shore D scale.

## Colson Thermo Wheels • Capacity up to 1100 lbs each

Wheel Dia.	Tread Width	Capacity Each (Pounds)	Bearing	Wheel Model Number	Wheel			Spanner Bushing		Thread Guard TG1: Metal TG2: Plastic	Weight (Pounds)
					Bearing Bore	Bore Less Bearing	Hub Length	Bore	Length		
3"	1 1/2"	600	Plain	4.00003.812 HT	–	3/4"	13/4"	1/2"	27/16"	–	1/2
			Less Bearing	4.00003.816 HT	–	13/16"	15/8"	–	–	–	1/2
			Roller	4.00003.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	–	1/2
3 1/2"	1 1/4"	300	Plain	2.00003.52 HT	–	1/2"	17/16"	3/8"	1 1/2"	–	3/8
4"	1 1/4"	300	Plain	2.00004.52 HT	–	1/2"	17/16"	3/8"	1 1/2"	–	3/4
			Less Bearing	4.00004.812 HT	–	3/4"	13/4"	1/2"	27/16"	–	3/4
	1 1/2"	700	Less Bearing	4.00004.816 HT	–	13/16"	15/8"	–	–	–	3/4
			Roller	4.00004.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	–	3/4
	2"	800	Plain	5.00004.832 HT	–	3/4"	23/8"	1/2"	27/16"	–	3/4
			Less Bearing	5.00004.836 HT	–	13/16"	23/16"	–	–	–	3/4
Roller	5.00004.839 HT	3/4"	13/16"	23/16"	1/2"	27/16"	–	3/4			
5"	1 1/4"	325	Plain	2.00005.52 HT	–	1/2"	17/16"	3/8"	1 1/2"	–	1
			Less Bearing	4.00005.812 HT	–	3/4"	13/4"	1/2"	27/16"	–	3/4
	1 1/2"	800	Less Bearing	4.00005.816 HT	–	13/16"	15/8"	–	–	–	3/4
			Roller	4.00005.819 HT	3/4"	13/16"	15/8"	1/2"	27/16"	–	3/4
	2"	1000	Plain	5.00005.832 HT	–	3/4"	23/8"	1/2"	27/16"	–	1
			Less Bearing	5.00005.836 HT	–	13/16"	23/16"	–	–	–	1
Roller	5.00005.839 HT	3/4"	13/16"	23/16"	1/2"	27/16"	–	1			
6"	2"	1100	Plain	5.00006.832 HT	–	3/4"	23/8"	1/2"	27/16"	–	12/3
			Less Bearing	5.00006.836 HT	–	13/16"	23/16"	–	–	–	12/3
			Roller	5.00006.839 HT	3/4"	13/16"	23/16"	1/2"	27/16"	–	12/3

### Wheel Options

- Bronze bearing: To order, change 9th digit in model number to "4" (Example: 5.00005.834 HT).

