

GLOSSARY OF TERMS¹

Alternative Daily Cover (ADC) - a material used in place of dirt or soil to meet daily cover requirements at municipal solid waste landfills. The material can be a material normally found in the waste stream such as properly treated petroleum contaminated soil, or processed/ground sheet rock, or it may be a material manufactured specifically for daily cover purposes such as reusable tarps, biodegradable plastic tarps, or spray on products such as foam. ADC must provide all the functions of the soil it replaces in a daily cover application such as vector control, dust and litter control, and fire resistance

Casing – the basic tire structure excluding the tread.

Chipped tire – a classified scrap tire particle that has a basic geometrical shape, which generally is 2 in. (5.08 cm) or smaller and has most of the bead wire removed. Also referred to as a tire chip.

Converted tire – a scrap tire that has been processed into a usable commodity other than a tire.

Commercial tire – truck and industrial tires.

Discarded tire – a worn or damaged tire that has been removed from a vehicle.

End user – the facility which utilizes the heat content or other forms of energy from the combustion of scrap tires (for energy recovery). The last entity that uses the tire, in whatever form, to make a product or provide a service with economic value (for other uses).

Energy recovery – a process by which all or part of the tire is utilized as fuel (TDF) to recover its entire value.

Heavy-duty tires – tires weighing more than 40 lb. (18.1 kg), used on trucks, buses, and off-the-road vehicles in heavy-duty applications.

¹ ASTM International, Designation: D 6700-01, page 1-3.

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Light-duty tires – tires weighing less than 40 lb. (18.1 kg), used on passenger cars and light trucks.

Light truck tires – tires with a rim diameter of 16 to 19.5 in. (40.6 to 49.5 cm), manufactured specifically for light truck use.

Off the road tire (OTR) – tire designed primarily for use on unpaved roads or where no roads exist, built for ruggedness and traction rather than for speed.

Processed tire – a scrap tire that has been altered, converted, or size reduced.

Passenger car tire – a tire less than an 18in. (45.7 cm), rim diameter for use on cars only.

Passenger tire equivalent (PTE) – a measurement of mixed passenger and truck tires, where five passenger tires are equal to one truck tire.

Processed tire – a scrap tire that has been altered, converted, or size reduced.

Scrap tire – a pneumatic rubber tire discarded because it no longer has value as a new tire, but can be either reused and processed for similar applications as new or processed for other applications not associated with its original intended use. A tire that no longer can be used for its original purpose, due to wear or damage.

Scrap tire processing – any method of size reducing whole scrap tires to facilitate recycling, energy recovery or disposal.

Shredded rubber – pieces of scrap tires resulting from mechanical processing.

Shredded tire – a size reduced scrap tire. The reduction in size was accomplished by a mechanical processing device, commonly referred to as a shredder.

Supplemental fuel – a combustible material that displaces a portion of traditional fuel source. It refers to the product being used in conjunction with another conventional fuel but typically not as a sole fuel supply.

Tire-derived fuel (TDF) – the end product of a process that converts whole scrap tires into a specific chipped form. This specified product then would be capable of being used as fuel.

Truck tire – tires with a rim diameter of 20 in. (50.8 cm) or larger.

Used tire – a tire removed from a vehicle's rim, which cannot be described legally as new, but which is structurally intact and has a tread depth greater than the legal limit. This tire can be remounted onto another vehicle's rim without repair.

Waste tire – a tire that is no longer capable of being used for its original purpose, but has been disposed of in such a manner that it can not be used for any other purpose.

Whole tire – a scrap tire that has been removed from a rim, but has not been processed.