

The tack level of a pressure sensitive adhesive is usually measured by means of a PSTC-1 test and shown in ounces or grams. This shows the force necessary to remove a one inch (25mm) wide strip from a polished stainless steel plate at a constant speed. It is used as a means of comparison between the individual layers. The purpose of tack is to remove particles from the shoe or wheel surfaces. To do so tack level has to only have a higher coefficient than the surface attraction of the dirt to the shoe or wheel surface. Since the dirt is held to the surface of the shoe or wheel only by this surface attraction and is not adhesive coated the tack level necessary to remove these particles is very low (2-3 ozs.). A very high tack level does not increase the ability to remove particles and can create operational and safety concerns.