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web thermals are one of the many sources of lift used by soaring birds and gliders to soar thermals beyond earth edit thermals are also seen elsewhere in the solar system on mars for example thermals are often seen in the form of web thermal energy refers to the energy contained within a system that is responsible for its temperature heat is the flow of thermal energy heat is the flow of thermal energy a whole branch of physics thermodynamics deals with how heat is transferred between different systems and how work is done in the process see the 1st law of thermodynamics web a flowing fluid or a moving solid for example possesses energy that can be converted to work in some mechanical device such as a windmill or a waterwheel but the same fluid or solid in a thermodynamic equilibrium state having the same energy as thermal energy can do no work unless it is combined with another substance at a different temperature as in web thermal 'thər məl 1 a of relating to or caused by heat thermal stress thermal insulation b being or involving a state of matter dependent upon temperature thermal conductivity thermal agitation of molecular structure c having low energies of the order of those due to thermal agitation thermal neutrons 2 web thermal means caused by or related to heat or temperature the word thermal is used in science to describe a specific kind of energy thermal energy thermal energy is web jan 25 2023 new thermal paste tests from germany bolster this conclusion by adding a few new materials to the paste roster including toothpaste a potato slice cheese and even ketchup as expected none of web if two molecules collide an energy transfer from the hot to the cold molecule occurs the cumulative effect from all collisions results in a net flux of heat from the hot body to the colder body we call this transfer of heat between two objects in contact thermal conduction web 2 of pertaining to or of the nature of hot or warm springs thermal waters 3 designed to aid in or promote the retention of body heat a thermal blanket thermal underwear n 4 a rising air current caused by heating from the underlying surface 5 thermals clothing esp underwear designed to help retain body heat 1750 60 web product category includes silicone thermal pad silicone grease thermal insulator graphite sheet conductive fabric thermal adhesive film copper foil adhesive aluminum foil adhesive absorbing material and shielding material overall application in various industries like electronic network security new energy pc led aerospace instrumentation and web something that is thermal is hot retains heat or has a warming effect if your sweatshirt has a thermal lining its texture might remind you of a waffle that's what traps your body heat also there are large currents of warm air that flow upwards these are

what gliders or big birds like hawks ride to stay afloat one type of those currents is called a thermal

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