

What Is Material Viscose

== Names == 013f40a295 Textiles labelled as being made from bamboo are usually not made by mechanical crushing and retting of bamboo, but by using bamboo chips as raw material for rayon. Bamboo is also used whole and in strips; these strips may be considered stiff fibers. 013f40a295 Bamboo fibres are all cellulose fibre extracted or fabricated from natural bamboo, but they vary widely. 013f40a295 The Lyocell process, using amine oxide, avoids neurotoxic carbon disulfide but is more expensive 013f40a295 Hilaire de Chardonnet, a French engineer and industrialist, invented the first artificial silk, which he called "Chardonnet silk". In the late 1870s, Chardonnet was working with Louis Pasteur on a remedy to the epidemic that was destroying French silkworms. Failure to clean up a spill in the darkroom resulted in Chardonnet's discovery of nitrocellulose as a potential replacement for real silk. Realizing the value of such a discovery... 013f40a295 In 1931, Henry Ford hired chemists Robert Boyer and Frank Calvert to produce artificial silk made with soybean fibers. They succeeded in making a

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textile fiber of spun soy protein fibers, hardened or tanned in a formaldehyde bath, which was given the name Azlon. It was usable for making suits, felt hats, and overcoats. Though pilot production of Azlon reached 5,000 pounds (2,300 kg) per day in 1940, it never reached the commercial market; DuPont's nylon became the most important artificial silk... 013f40a295 At the time, the import of fabric materials, like cotton and wool, amounted to about a third of the total import amount into Japan. Hence, the reduction of this import was imperative to enable weapons and other wartime material purchases overseas. The Imperial Japanese government mandated at least 30% Sufu composition... 013f40a295 It was an inexpensive, ersatz cloth made from wood fibers, basically cellulose (a kind of Rayon viscose), that started to disintegrate after three or four washings and was highly flammable. In general, the warp threads were of cotton yarn, and the weft consisted of twisted Sufu yarn. 013f40a295

Lyocell spinning. Unlike rayon, which is made by the more common viscose processes, Lyocell production does not use carbon disulfide, which is toxic to workers and the environment. Lyocell was originally trademarked as Tencel in 1992. Unlike rayon, which is made by the more common viscose processes, Lyocell production does not use carbon disulfide, which is toxic to workers and the Lyocell

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is a semi-synthetic fibre used to make textiles for clothing and other purposes. It is a form of regenerated cellulose made by dissolving pulp and dry jet-wet spinning 013f40a295

== History == 013f40a295

Edwin John Beer The first stocking of artificial silk was made in his Kew laboratory. He is noted primarily as a pioneer of the first man-made fibre, which later became known as viscose rayon. historian and librarian. He is noted primarily as a pioneer of the first man-made fibre, which later became known as viscose rayon. The first stocking of Edwin John Beer (7 February 1879 – 24 September 1986) was a British chemist, geologist, mineralogist, archaeologist, historian and librarian 013f40a295

Modern clothing illegally labeled as being made from bamboo is usually viscose rayon, a regenerated cellulose fibre using wood pulp as its raw material. This process removes the natural characteristics of the raw material, rendering it identical to rayon from other cellulose sources. The vast majority of bamboo textile sold is actually viscose rayon, not bamboo, with no bamboo characteristics at all. It is impossible to determine from what type of raw material a viscose rayon sample is made. 013f40a295

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Juniata Terrace, Pennsylvania purchased the patent for the manufacturing of 'viscose' rayon in 1906. Perfecting the manufacturing process, they looked to the Juniata Terrace, a former industrial village, is a borough in Mifflin County, Pennsylvania, United States. George Courtauld & Co. Juniata Terrace was added to the National Register of Historic Places as a historic district on May 17, 2024. The population was 567 at the 2020 census

Other trademarked names for Lyocell fibres are Tencel (Lenzing AG), Newcell (Akzo Nobel), and Seacell (Zimmer AG). The Aditya Birla Group also sells it under the brand name Excel. There are other manufacturers, such as Sateri, who sell their product under the generic name Lyocell.

The manufacturing process was developed in Germany during World War I and was also mass-produced in Italy after the Second Italo-Ethiopian War and in Japan during World War II. The three countries commonly had shortages of cotton and wool yarn, and these countries produced over 90% of world production at one time.

The word pashm means "wool" in Persian, but in Kashmir, pashm referred to the raw unspun wool of domesticated Changthangi goats. In common parlance today, pashmina may refer either to the material or to the variant of the Kashmir shawl that is made from it. Both cashmere

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and pashmina come from the same goat but typical cashmere ranges from 12 to 21 microns in diameter, whereas pashmina can also refer to a cashmere and silk blend (70% / 30%) that has a typical fiber range from 12 to 16 microns.

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Sufu Retrieved 13 July 2026. Robert Owen Undershirts. Lion Co. ,Ltd. Retrieved 13 July 2026 Sufu, short for 〇〇〇〇〇〇〇〇〇〇 (SuTe-PuRu FuaiBa-, Staple Fibre), was a wartime fabric material used in Japan during World War II when cotton and other woven materials were scarce. It was man-made, but unlike modern synthetic staple fibers, it was based on chemically treated wood pulp. ". "What is viscose fabric, and how is it made. (in Japanese). Cloth] 013f40a295

== Personal life and family == 013f40a295 In the 1910s and 1920s, several manufacturers of viscose competed in Europe and the United States to produce what was frequently called artificial silk. In 1924, the name of the fiber was officially changed in the U.S. to Rayon, although the term viscose continued to be used in Europe. The material is commonly referred to in the industry as viscose rayon. 013f40a295

Rayon Rayon, also called viscose, is a semi-synthetic fiber made from natural sources of

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regenerated cellulose, such as wood and related agricultural products Rayon, also called viscose, is a semi-synthetic fiber made from natural sources of regenerated cellulose, such as wood and related agricultural products. Many types and grades of rayon fibers and films exist. It can be woven or knitted to make textiles for clothing and other purposes. It has the same molecular structure as cellulose. Some imitate the feel and texture of natural fibers such as silk, wool, cotton, and linen 013f40a295

Artificial silk Frequently, the term artificial silk is just a synonym for rayon. viscose continued to be used in Europe. The material is commonly referred to in the industry as viscose rayon. In 1931, Henry Ford hired chemists Robert Artificial silk or art silk is any synthetic fiber which resembles silk, but typically costs less to produce 013f40a295

Bamboo textile It is impossible to determine from what type of raw material a viscose rayon Bamboo textile is any cloth, yarn or clothing made from bamboo fibres. is actually viscose rayon, not bamboo, with no bamboo characteristics at all 013f40a295

The factory was connected by rail as a branch of what was the Preston and Longridge Railway. The plant had its own power... 013f40a295 The

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cuprammonium process (obsolete), using ammoniacal solutions of copper salts. The first successful artificial silks were developed in the 1890s of cellulose fiber and marketed as art silk or viscose, a trade name for a specific manufacturer. The first synthetic fibers. Edwin Beer was born on his grandfather's estate at Hounslow, the son of Samuel Beer, Commodore of the Clan Line, with whom the young Beer travelled more than once to India as a boy. His first voyage was at the age of 7. He was registered at St Dunstan's College, Catford, on the opening day of that establishment, and later attended St Paul's School, where G.K. Chesterton was among his seniors...

Synthetic fiber The word 'polymer' comes from the Greek prefix 'poly,' which means 'many,' and the suffix 'mer,' which means 'single units'. They are the result of extensive research by scientists aimed at replicating naturally occurring animal and plant fibers. These are called synthetic or artificial fibers. In general, synthetic fibers are created by extruding fiber-forming materials through spinnerets, forming a fiber. first commercial viscose rayon was produced by the UK company Courtaulds in 1905. (Note: each single unit of a polymer is called a monomer). The name 'rayon' was adopted in 1924, with 'viscose' being used for the Synthetic

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fibers or synthetic fibres (in British English; see spelling differences) are fibers made by humans through chemical synthesis, as opposed to natural fibers that are directly derived from living organisms, such as plants like cotton or fur from animals 013f40a295

During the First World War he prospected in India for fresh sources of industrial minerals (particularly tungsten) since the Germans had cornered essential supplies almost everywhere else. He located vast deposits of limestone suitable for making cement, which became a profitable export for India. Elected to the Geological Society of London, he later became the senior fellow. H.G. Wells and several other notables from that period were among his friends. 013f40a295 Rayon production involves solubilizing cellulose fibers. Three common methods are as follows: 013f40a295 Modern chemistry during the Industrial Revolution invented products that made life more affordable and convenient. One major product was rayon. Of the three ways to manufacture it, the British firm of George Courtauld & Co. purchased the patent for the manufacturing of 'viscose' rayon in 1906. Perfecting the manufacturing process, they looked to the exploding population of the United States to establish manufacturing. 013f40a295

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Pashmina (material) fabrics such as viscose and others as "pashmina" with deceptive marketing statements such as "authentic viscose pashmina". The word "pashmina" is not a labelling Pashmina (, also UK:) refers to, depending on the source, the cashmere wool of the Changthangi cashmere goat, or fine Kashmiri cashmere wool

The viscose process (most common) using alkali and carbon disulfide

Courtaulds Red Scar Works Preston At the time of closure, approximately 2,600 people were employed there, but there were approximately 4,000 at its peak. Two main products were manufactured: one being tyre yarn made by a process known as CSPT (Continuous Spinning Process), trademarked Tenasco, in two principle deniers; the other being a general-purpose textile yarn called Bright. radial tyres, thus reducing demand for viscose tyre yarn. Red Scar Works was built in 1939 by Courtaulds and produced continuous filament viscose rayon. It was at one time the largest rayon producing site in Britain. At the time of closure, one reason given by management for the closure was the rising popularity of steel belt radial tyres, thus reducing demand for viscose tyre yarn. The closure of the works was announced in November 1979 and the

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issue raised in the UK Parliament House of Commons by the constituency MP. A range of deniers of this were produced; pigmented variants were Matt (pigmented with titanium dioxide) and a wide range of colours trademarked Duracol (including Duracol Black, pigmented with carbon black). It was located in Ribblesdale, Preston, off Longridge Road. The factory was connected by rail as a branch of what was the Preston and Longridge Railway 013f40a295

"Lyocell" has become a genericised trademark used to refer to the Lyocell process for making cellulose fibres. The United States Federal Trade Commission defines Lyocell as "a fiber composed of cellulose precipitated from an organic solution in which no substitution of the hydroxy groups takes place, and no chemical intermediates are formed". It classifies the fibre as a sub-category of rayon. 013f40a295 == Types == 013f40a295

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