

Plastic What Is It Made Of

Plastic pipework is used for the conveyance of drinking water, waste water, chemicals, heating fluid and cooling fluids, foodstuffs, ultra-pure liquids, slurries, gases, compressed air, irrigation, plastic pressure pipe systems, and vacuum system applications. 4d9b758874 There are three basic types of plastic pipe: 4d9b758874 Most plastic recycling is currently mechanical and involves the melting and reforming of plastic into other items. This can cause polymer degradation at the molecular level, and requires that waste be sorted by colour and polymer type before processing, which... 4d9b758874 == Background == 4d9b758874

Plastic bag Plastic bags are used for containing and transporting goods such as foods, produce, powders, ice, magazines, chemicals, and waste. It is a common form of packaging. A plastic bag, poly bag, or pouch is a type of container made of thin, flexible, plastic film, nonwoven fabric, or plastic textile. Plastic bags are used A plastic bag, poly bag, or pouch is a type of container made of thin, flexible, plastic film, nonwoven fabric, or plastic textile 4d9b758874

== Etymology == 4d9b758874

Plastic surgery Plastic surgery is a surgical specialty involving restoration, reconstruction, or alteration of the human body. It can be divided into two main categories: Plastic surgery is a surgical specialty involving restoration, reconstruction, or alteration of the human body. Reconstructive surgery covers a wide range of specialties, including craniofacial surgery, oral and maxillofacial surgery, hand surgery, microsurgery, and the treatment of burns. It can be divided into two main categories: reconstructive surgery and cosmetic surgery. This kind of surgery focuses on restoring a body part or improving its function. In contrast, cosmetic surgery (or aesthetic surgery) focuses solely on improving the physical appearance of the body 4d9b758874

== Classification == 4d9b758874

Plastic pollution g. plastic bottles, bags and microbeads) in the Earth's environment Plastic pollution is the accumulation of plastic objects and particles (e. Plastics are inexpensive and durable, making them very adaptable for different uses; as a result, manufacturers choose to use plastic over other materials. Together, these two factors allow large volumes of plastic to enter the environment as mismanaged waste which persists in the ecosystem and travels throughout food webs. Plastic pollution Plastic pollution is the accumulation of plastic objects and particles (e. plastic bottles, bags and microbeads) in the Earth's environment that adversely affects humans, wildlife and their habitat. Plastics that act as pollutants are categorized by size into micro-, meso-, or macro debris. However, the chemical structure of most plastics renders them resistant to many natural processes of degradation and as a result they are slow to degrade. g 4d9b758874

Plastic road It is currently unknown how these aggregates will perform in the mid- to long-term, or what effect their degradation

might have on surrounding ecosystems. Plastic roads are paved roadways that are made partially or entirely from plastic or plastic composites, which is used to replace standard asphalt materials. Plastic roads are paved roadways that are made partially or entirely from plastic or plastic composites, which is used to replace standard asphalt materials. Most plastic roads make use of plastic waste to replace a portion the asphalt 4d9b758874

Marine plastic pollution Microplastics and nanoplastics result from the breakdown or photodegradation of plastic waste in surface waters, rivers or oceans. Recently, scientists have uncovered nanoplastics in heavy snow, more specifically about 3,000 tons that cover Switzerland yearly. Eighty percent of marine debris is plastic. Marine plastic pollution is a type of marine pollution by plastics ranging in size from large original material such as bottles and bags, down to microplastics. Marine plastic pollution is a type of marine pollution by plastics ranging in size from large original material such as bottles and bags, down to microplastics formed from the fragmentation of plastic material. Marine debris is mainly discarded human rubbish which floats on, or is suspended in the ocean 4d9b758874

Some reusable shopping bags are made of plastic film, fibers, or fabric. 4d9b758874 It is estimated that there is a stock of 86 million tons of plastic marine debris in the worldwide ocean as of the end of 2013, assuming that 1.4% of global plastics produced from 1950 to 2013 has entered the ocean and has accumulated there. Global consumption of plastics is estimated to be 300 million tonnes per year as of 2022, with around 8 million tonnes ending up in the oceans as macroplastics. Approximately 1.5 million tonnes of primary microplastics end up in the seas. Around 98% of this volume is created by land-based activities, with the remaining 2% being generated by sea-based... 4d9b758874 Within museum collections, there are a variety of artworks and artifacts that are composed of organic plastic materials, either synthetic or semi-synthetic; these were created for a range of uses from artistic, to technical, to domestic use. Plastics have become an integral component of life, and many plastic artifacts have become cultural icons or objects worth preserving for the future. Although relatively new materials for museum collections, having originated in the 19th century, plastics are deteriorating at an alarming rate. This risks the loss not only of the objects themselves, but other nearby materials may also be degraded by outgassing or reactions with other released chemicals. 4d9b758874 Many countries are introducing legislation to phase out lightweight plastic bags, because plastic never fully breaks down, causing everlasting pollution of plastics and environmental impacts. Every year, about 1 to 5 trillion plastic bags are used and discarded around the world. From point of sale to destination, plastic bags have a lifetime of 12 minutes. Approximately 320 bags per capita were used in 2014 in the United States. 4d9b758874 The word plastic in plastic surgery refers to the concept of "reshaping" and comes from the Greek πλαστική (τέχνη), plastikē (tekhnē), "the art of modelling" of malleable flesh. This meaning in English is seen as early as 1598. In the surgical context, the word "plastic" first... 4d9b758874 Various governments have banned the sale of lightweight bags, have taxed manufacturers for the production of lightweight bags, or charged the sale of lightweight plastic bags in stores, placing the tax burden on consumers. The Bangladesh government of Begum Khaleda Zia was the first to do so in 2002, imposing... 4d9b758874 A comprehensive definition of plastic surgery has never been established, because it

has no distinct anatomical object and thus overlaps with practically all other surgical specialties. An essential feature of plastic surgery is that it involves the treatment of conditions that require or may require tissue relocation skills. 4d9b758874 In the late 1950s, Curt Lindquist, the CEO of the Celloplast company in Sweden, experimented with a new and promising material: plastic. By cutting and heat-sealing pieces together, he invented the first seamless plastic bag. The patent was awarded in 1965. Today most plastic bags are heat sealed at the seams, while some are bonded with adhesives or are stitched. 4d9b758874

Plastic bag ban Single-use plastic shopping bags, commonly made from low-density polyethylene plastic, have traditionally been given for free to customers by stores when purchasing goods: the bags have long been considered a convenient, cheap, and hygienic way of transporting items. towards the phase-out of lightweight plastic bags. Problems associated with plastic bags include use of non-renewable resources (such as crude oil, gas and coal), difficulties during disposal, and environmental impacts. Single-use plastic shopping bags, commonly made from low-density polyethylene plastic, have traditionally A plastic bag ban or charge is a law that restricts the use of lightweight plastic bags at retail establishments. Concurrently with the reduction in lightweight plastic bags, shops have introduced reusable shopping bags. Lightweight plastic carrier bags include all carrier bags with a wall thickness below 50 microns and are not biodegradable. In the early 21st century, there has been a global trend towards the phase-out of lightweight plastic bags 4d9b758874

Plastic recycling Plastic recycling Plastic recycling is the processing of plastic waste into other products. 3 billion tonnes of plastic waste, only 9% of which has been recycled and only ~1% has been recycled more than once. Recycling can reduce dependence on landfills, conserve resources Plastic recycling is the processing of plastic waste into other products. From the start of plastic production through to 2015, the world produced around 6. Of the remaining waste, 12% was incinerated and 79% was either sent to landfills or released into the environment as pollution. Recycling rates lag behind those of other recoverable materials, such as aluminium, glass and paper. Recycling can reduce dependence on landfills, conserve resources and protect the environment from plastic pollution and greenhouse gas emissions 4d9b758874

== Types == 4d9b758874

Plastic shopping bag In recent decades, numerous countries have introduced legislation restricting the provision of plastic bags, in a bid to reduce littering and plastic pollution. the 1960s, shopping bags made from various kinds of plastic, are variously called plastic shopping bags, carrier bags, or plastic grocery bags. They are sometimes referred to as single-use bags—referring to carrying items from a store to a home—although, it is rare for bags to be worn out after single use, and in the past some retailers (like Tesco and Sainsbury's in the United Kingdom) incentivised customers to reuse 'single use' bags by offering loyalty points to those doing so. They are In use by consumers worldwide since the 1960s, shopping bags made from various kinds of plastic, are variously called plastic shopping bags, carrier bags, or plastic grocery bags. Even after they are no longer used for shopping, reuse of these bags for storage or trash is common, and modern plastic shopping bags are increasingly

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recyclable or compostable - at the Co-op for example 4d9b758874

American and European patent applications relating to the production of plastic shopping bags can be found dating back to the early 1950s, but these refer to composite constructions with handles fixed to the bag in a secondary... 4d9b758874 == Package == 4d9b758874

Plastic pipework It can also be used for structural applications; hollow pipes are far stiffer per unit weight than solid members. It is usually, but not necessarily, of circular cross-section, used mainly to convey substances which can flow—liquids and gases (fluids), slurries, powders and masses of small solids. It is usually, but not necessarily, of circular cross-section, used mainly to convey Plastic pipe is a tubular section, or hollow cylinder, made of plastic. Plastic pipe is a tubular section, or hollow cylinder, made of plastic 4d9b758874

"Plastic Roads" can be roads which entirely consist of modular, hollow, and prefabricated road elements made from consumer waste plastics, however, most plastic roads consist of waste plastic used to replace bitumen mixed with recycled asphalt. This type of material is sometimes referred to as Plastic Asphalt. 4d9b758874

Conservation and restoration of plastic objects When applied to cultural heritage, this activity is generally undertaken by a conservator-restorer. difficult aspect of plastic deterioration is that one cannot see what types of chemical reactions are occurring in the interior of an object, or easily Conservation and restoration of objects made from plastics is work dedicated to the conservation of objects of historical and personal value made from plastics 4d9b758874

== History == 4d9b758874 == Timeline of problem == 4d9b758874 Almost all plastic is non-biodegradable and without recycling, spreads across the environment where it causes plastic pollution. For example, as of 2015, approximately 8 million tonnes of waste plastic enters the oceans annually, damaging oceanic ecosystems and forming ocean garbage patches. 4d9b758874

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