**Origin of PVC**

1913 - German inventor Friedrich Klatte patented a polymerisation process to manufacture PVC

1920s-1950s

1926 - Waldo Semon, working for BF Goodrich in the US, invented plasticised PVC providing a synthetic replacement for increasingly costly natural rubber

1947 - The first vinyl floor covering was manufactured by the Swedish company Limhams

1950 - PVC blood bags replace glass bottles enabling blood to be safely transported

1930 - RCA Victor launched first commercially available Vinyl long-playing record

1960s-1990s

1966 - Development of vinyl wall coverings for better interior hygiene

1979 - First PVC-U double glazed windows installed in the UK

1995 - The UK’s first solar-powered office block – sponsored by the EU, DTI and Greenpeace at Northumbria University, Newcastle on Tyne features 21,000 solar cells and 646 PVC-U windows to assist thermal efficiency throughout the building

2000s

2000 - European PVC industry establishes Vinyl 2010, a ten year voluntary commitment to improve the environmental performance of PVC

2003 - A sustainable European PVC recycling system, Recovinyl, was established

2004 - First window manufactured from 100% post-consumer recycled PVC

2010s

2011 - VinylPlus, a new European industry sustainability programme, established

2013 - Recovinyl recycles more than one million PVC-U windows frames per year in the UK

2012 - Over 142,000m² of PVC fabric used in the construction of London 2012 Olympic venues

2020 - Over 800,000 tonnes of PVC products will be recycled per year across Europe by 2020

2022 - The 2022 FIFA World Cup Qatar Showcase Stadium has been designed to use super-reflective, triangulated PVC fabric to create a zero carbon, sustainable stadium providing comfortable playing conditions.

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**The story of polyvinyl chloride (PVC)**

**vinyls group**

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