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The wondrous world of wool

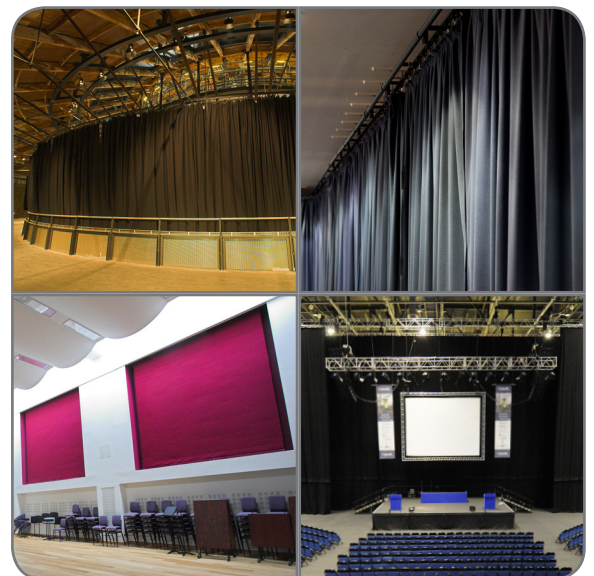
Humans have used wool for more than 12,000 years and today it is still used in massive quantities in all manner of applications, from clothing and textiles to cleaning up oil spills.

J&C Joel produce a range of wool based fabrics and in honour of these we've compiled a list of ten interesting facts you may not know about this most versatile of fabrics.

1. Wool has balanced thermal insulation properties - meaning it is warm in winter and cool in the summer.
2. Wool is hypoallergenic – it is resistant to bacteria, mould and mildew that can trigger allergic reactions in many people.
3. It absorbs harmful pollutants - not only does wool absorb many harmful pollutants from the air, it does not re-emit them. It's estimated that wool used in interiors can help purify the air for 30 years.
4. Dust mites don't like wool – dust mites need moisture to survive. Wool has microscopic pores that respond effectively to changes in humidity making it unfavourable for the growth and breeding of the house dust mite. Dust mite allergens are one of the triggers for asthma attacks.
5. Wool is naturally anti-static - wool generates very little static electricity because of the qualities of its natural fibres. Static attracts lint, dirt, and dust, so its anti-static properties keep it much cleaner for longer.
6. Easily cleaned - wool fabrics clean easily because the outside surface of the wool fibre consists of a series of overlapping scales (similar to the feathers on a bird), which means that dirt sits on the surface of the fibre, making it easy to remove.
7. Wool is naturally flame resistant - wool is difficult to ignite, has low flame spread and heat release properties; it does not melt and has superior self-extinguishing qualities.
8. Wool is a naturally renewable fibre – what could be more natural than wool? Each year sheep produce a fleece, which makes wool a natural and renewable resource. As yet, no one has been able to reproduce the properties of wool synthetically.
9. Eco-friendly and Sustainable - when it's 'out with the old' wool will naturally biodegrade. It is a totally natural product, entirely renewable and sustainable. And it is 100% biodegradable – a very important feature in a world that is increasingly concerned about the environment.
10. Quality built in - as a naturally resilient fibre, wool will give you a lifetime of quality.



J&C Joel produce a range of wool serge fabrics which are widely used for perimeter, production and acoustic curtains due to their durability and excellent sound absorption properties.



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