



Did you know.....

That spiders spin their silk from a gel made up of a mixture of proteins? As the gel is pulled through the spider's spinning gland, it turns into a solid fibre that is stronger than steel. If we could make a spider silk 5 cm wide, it would be strong enough to stop a passenger aeroplane going at speed!

Scientists have been using the ISIS Neutron and Muon Source to try and unravel the spider's spinning secrets in order to recreate this extraordinary material.