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Subject: Knotted Mail

Posted by [clsn](#) on Thu, 04 Apr 2013 02:11:01 GMT

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I made some chain-mail using knots instead of rings for links. One sample uses carrick mats, which have four loops on the outside and so attach to four others, but the other uses simple overhand "trefoil" knots which only link to three others, causing it to form a really cool-looking hexagonal sort of pattern, when stretched out. Check 'em out!

<http://shpws.me/nB6s> and <http://shpws.me/nB6m>

carrick:

trefoil:

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### File Attachments

1) [carrickmail.jpg](#), downloaded 269 times

2) [trefoilmail2.jpg](#), downloaded 267 times

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Subject: Re: Knotted Mail

Posted by [Mhagan](#) on Thu, 04 Apr 2013 15:40:18 GMT

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This is really cool!

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Subject: Re: Knotted Mail

Posted by [wiwa](#) on Fri, 05 Apr 2013 18:31:02 GMT

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Sweet!

Can you use a physics engine to collapse them down to compress the space they take up during building, so they come out the printer as a big lump and then they fluff up when you pull them out?

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Subject: Re: Knotted Mail  
Posted by [clsn](#) on Fri, 05 Apr 2013 22:23:46 GMT  
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wiwa wrote on Fri, 05 April 2013 18:31Sweet!

Can you use a physics engine to collapse them down to compress the space they take up during building, so they come out the printer as a big lump and then they fluff up when you pull them out?

That would be great, and help achieve high density, which I know is a Good Thing in terms of pricing. It surely should be possible... if I knew my way around the physics engine of Blender better than I do (which is not at all).

The trefoil mail compresses nicely (hard to get it to lie flat, in fact, but the carrick mail has a tendency to form "kinks" when bent that have to be coaxed back to flat again. Not everywhere, not every time, and it isn't hard to shake them back, but it doesn't compress down well.

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Subject: Re: Knotted Mail  
Posted by [stop4stuff](#) on Sat, 06 Apr 2013 09:49:08 GMT  
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I like the look of the Trefoilmail.

Good job!

Paul

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