On 3-component surface-links with braid index 4

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Abstract. Any surface-links with braid index at most 3 are ribbon, and any m-component surface-links with braid index m are trivial 2-links. There are examples of non-ribbon 1- or 2-component 2-links with braid index 4. In this talk, we show that any 3-component surface-links with braid index 4 are ribbon.