

THICKNESS mm	DENSITY g/cm <sup>3</sup>	SEWING SUITABILITY Basic sewing machine, Husqvarna Sew Easy, needle 80/12.
1	0.52	Attaching two pieces together: easy.
2	0.28	Attaching two pieces together: easy.
2	0.44	Attaching two pieces together: easy.
3	0.28	Attaching two pieces together: easy.
3	0.32	Attaching two pieces together: easy.
3	0.36	Sewing through one piece is easy. Attaching two pieces together is doable, but not so easy.
3	0.44	Sewing through one piece is easy. Attaching two pieces together was not doable.
4	0.26	Sewing through one piece is easily done. Setting two pieces under the foot starts to be challenging, but sewing succeeded. Needle is put to the test, especially in the endings.
4	0.32	Sewing through one piece is easily done. Setting two pieces under the foot starts to be challenging, but sewing succeeded. Needle is put to the test, especially in the endings.
5	0.20	Difficult. Was barely fitted under the foot. Sewing is possible.
5	0.28	Difficult. Was barely fitted under the foot. Sewing is possible.
5	0.30	Difficult. Jump stiches already when sewing one felt piece. Two felt pieces do not fit well under the foot.
5	0.32	Is not doable.

*Factors effecting on sewing suitability of felt:*

*Sewing machine and its facilities.*

*Machine's feed mechanism.*

*Needle thickness.*

*Thread.*

*Machine's adjustments. Thread tension, stich length.*

*The stich length must not be too short, otherwise the felt can brake down. (Continuous punching)*

*You can easily mix other materials with felt by sewing.*

*Too thick material prevents the stich formation and easily creates jump stiches.*