



**BEISSEL**  
NEEDLE FOR ALL NEEDS

INSIDER INFORMATION  
ON NEEDLE SIZES, POINT STYLES  
& APPLICATIONS

An understanding of the common stitch formations permits selection of the most appropriate for What's the right needle to use for sewing leather, tencel, knitwear, elastic, woven, coated and laminated materials? What's the basis for choosing them? Should the same sized needle be used for light and heavy fabrics? Find all the answers from the guide below.

MATERIAL	NEEDLE	SIZE	POINT STYLE
<b>WOVEN FABRIC</b>			
Light (shirt/blouse material)	65-75	9-11	Normal Round Point/R Point/ Set Point
Medium (suit material)	80-90	12-14	Fine Ball Point/ SES Point/ L Ball Point
Heavy (coat material)	100-110	16-18	As above
Denim: Light	70-90	10-14	As above
Medium	100-110	16-18	Medium Ball Point/SUK
Heavy	110-140	18-22	Fine Ball Point/ SES Point/ L Set Point
<b>VERY DENSELY WOVEN MATERIALS</b>			
Light (silk, artificial silk)	65-70	9-10	Fine Ball Point/ SES Point/L Set Point
	65-70	9-10	Acute Round Point/ SPI Point / S Set Point
Medium (e.g. tarpaulins)	100-180	16-24	As above
Heavy	200-330	25-30	As above
<b>KNITWEAR</b>			
Fine	60	8	Medium Ball Point/ SUK
Medium	65-75	9-11	Fine Ball Point/SES Point/L Ball Point
Coarse	75-90	11-14	Medium Ball Point/ SUK
Very coarse	75-90	11-14	Heavy Ball Point/ SKF Point
<b>ELASTIC MATERIALS (ELASTAN, LYCRA ETC)</b>			
Fine	65-70	9-10	Heavy Ball Point/SKF Point
Medium (particularly bandages)	80-90	12-14	Special Ball Point/SKL Point
Coarse	80-90	12-14	As above
Non-covered elastometric threads (e.g. elastic for waistband)	65-90	9-14	Acute Round Point/SPI Point/ S Set Point
<b>COMPOSITE MATERIALS</b>	65-80	9-12	Acute Round Point/SPI Point/ S Set Point

MATERIAL	NEEDLE	SIZE	POINT STYLE
Woven fabrics/knitwear combined with an inlay(e.g. shirt manufacture seams for cuffs, collars)			
Coated materials combined with woven fabrics/knitwear (e.g. Goretex, Sympatex, Helsapor)			
Fine	65-70	9-10	Acute Round Point/SPI Point/ S Set Point
Medium	80-90	12-14	As above
Coarse	80-90	12-14	As above
LAMINATED MATERIALS			
Textile/textile (car seat covers, wetsuits/ diving suits)	80-110	12-18	Fine Ball Point/ SES Point/ L Ball Point
Textile/cardboard, textile/ plastic, very rigid	140	16-22	Normal Round Point/ R Point/ Set Point
Cupboard/plastic (e.g. Car seat tracks)	100-140	16-22	Cutting Point/ SDI Point
	80-130	12-21	Cutting Point/DH Point
Coated materials (e.g. tarpaulins)	00-180	16-24	Acute Round Point/SPI Point/ S Set Point
Medium	200-330	25-30	As above
Heavy	200-330	25-30	Cutting Point/SDI Point
Films	65-90	9-14	Normal Round Point/ R Point/ Set Point
MATERIAL COMBINATIONS			
Leather with textile	80-100	12-16	Normal Round Point/ R Point/ Set Point
Manufacture of Furs and Skins	80-100	12-16	Normal Round Point/ R Point/ Set Point

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