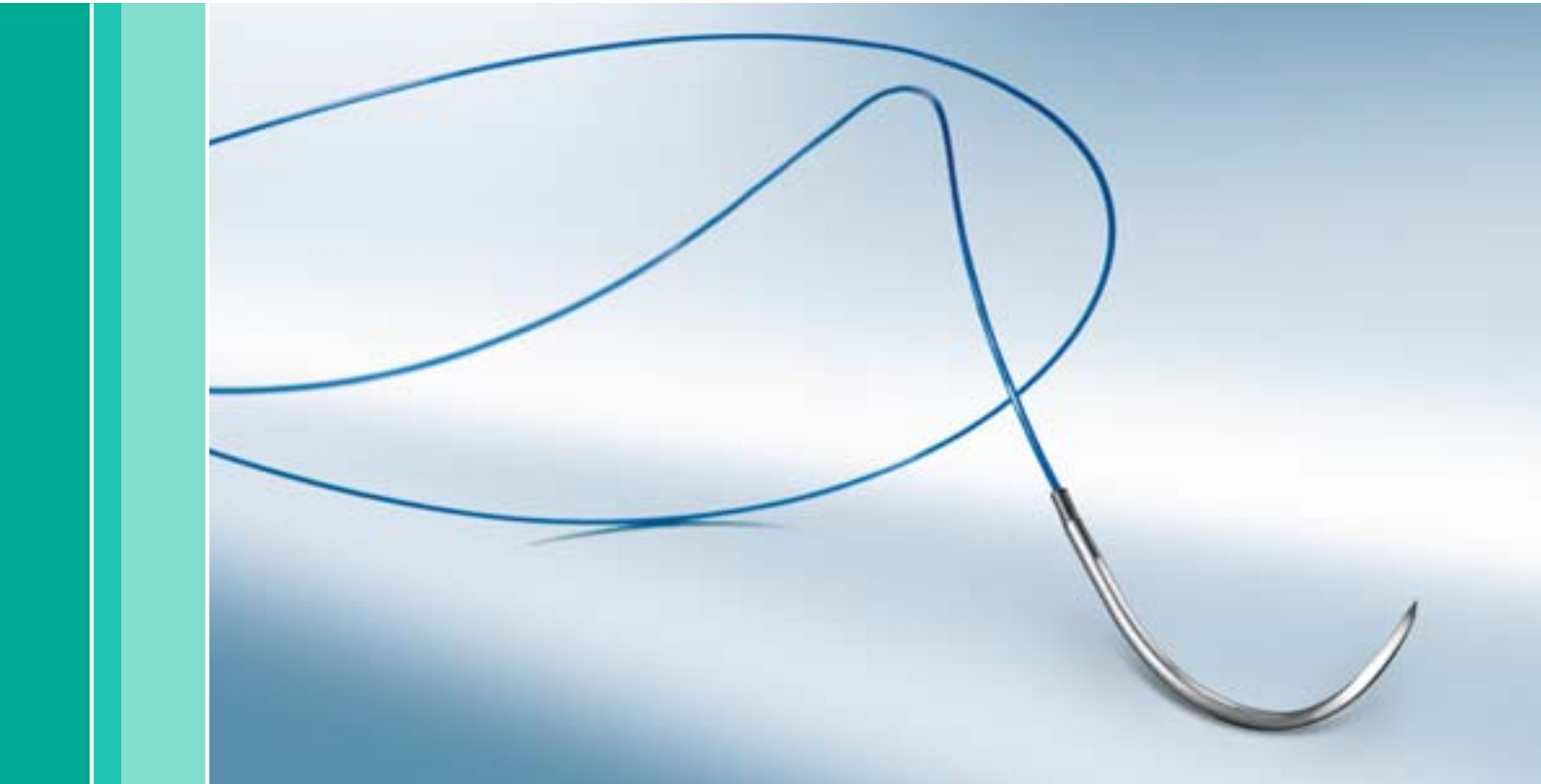


Dafilon[®]

Your reliable partner for dermal, plastic and microsurgery

Non-absorbable synthetic monofilament suture made of polyamide



Sutures

Dafilon®

Your reliable partner for dermal, plastic and microsurgery



Dafilon® is a non-absorbable synthetic monofilament suture made of polymers polyamide 6/6.6 (dyed blue), polyamide 6.6 (dyed black) or polyamide 6 (undyed).

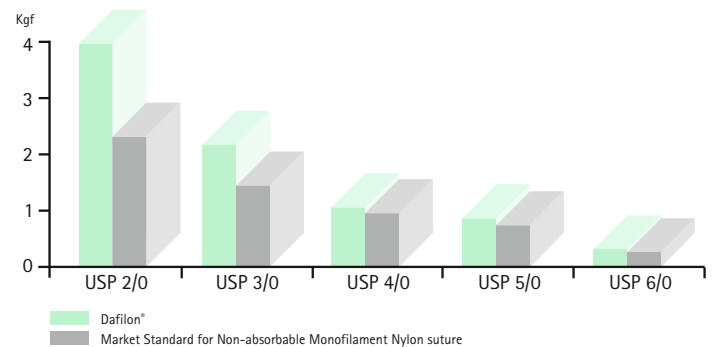
Dafilon® is the Non-absorbable Monofilament you can rely on thanks to its:

- Very high tensile strength
- Monofilament structure
- High performance needles

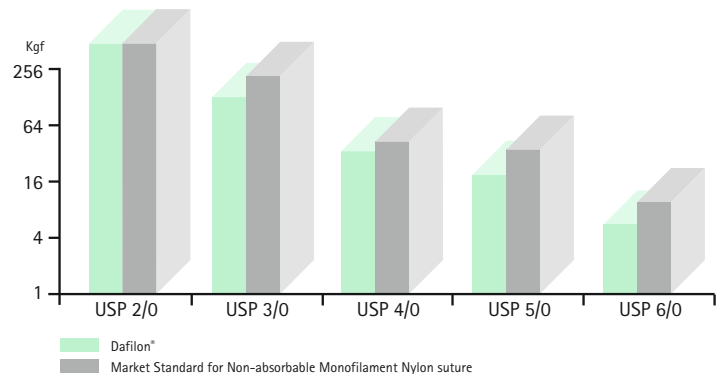
The precision extrusion production process gives Dafilon® its outstanding properties:

- High tensile strength even in the case of fine sizes for micro surgery and ophthalmology
- Elasticity to ensure compact and safe knotting
- Appropriate flexibility for easy handling and tissue adaptation
- Reduced memory effect

Simple Knot Pull Tensile Strength



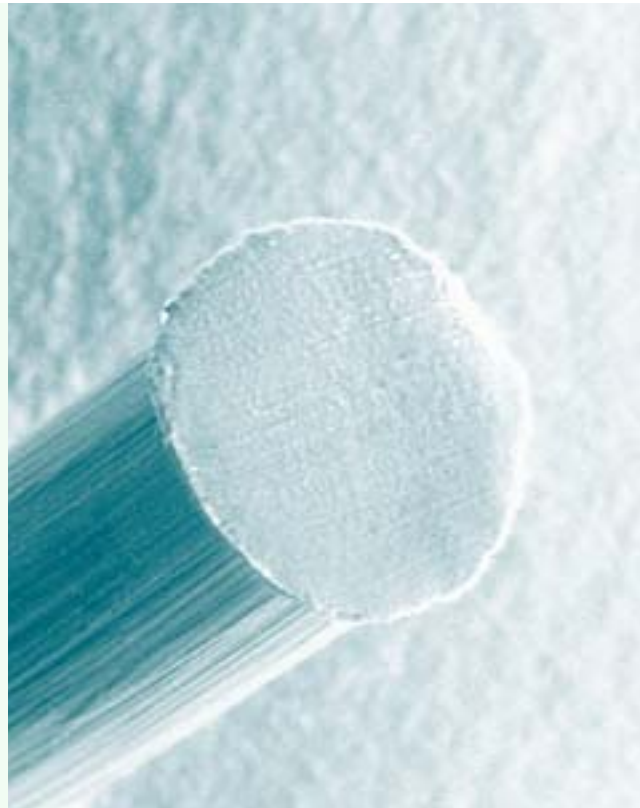
Flexibility



Dafilon® helps reduce bacterial adherence

Surgical site infections may increase a patient's hospital stay by seven to ten days,¹ increasing direct cost of hospitalization.

Bacterial adherence to suture materials plays a significant role in the induction of surgical infection, it is important to choose the right material to reduce this risk.

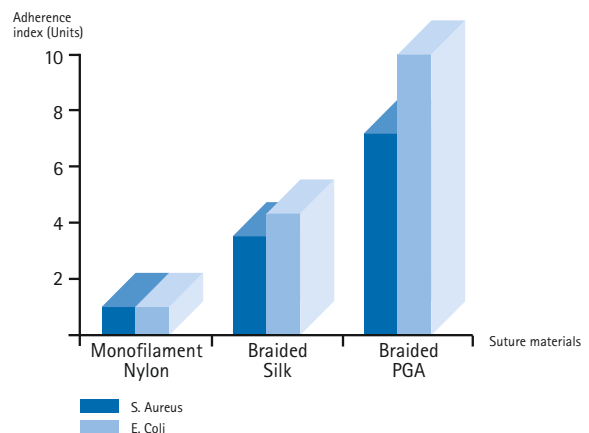


Sutures of monofilament structure are believed to be a relatively safe material, since it has lower bacterial infiltration rates than sutures of multifilament structure.²

In vitro adherence assays revealed remarkable variations in the affinity of bacteria to sutures: nylon sutures bound the least bacteria, while bacterial adherence to braided sutures is five to eight folds higher.³

Comparative adherence of *S. Aureus* and *E. Coli* to different sutures.

Adherence to nylon = 1 unit



¹ Inigo JJ, Bermejo B, Oronoz B, et al. Surgical site infection is general surgery: 5-year analysis and assessment of the national nosocomial infection surveillance (nnis) index. Cir. Esp 2006;79(4):224–30.

² Choi HJ, Chae HD. Comparison of *E. coli* Infiltration between New Synthetic Absorbable Sutures. J Korean Surg Soc 2009;77:1–6.

³ Katz S, Izhar M and Mirelman D. Bacterial Adherence to Surgical Sutures. Annals of Surgery 1981; Volume:194, Issue:1:35–41.

Dafilon®

Your reliable partner for dermal, plastic and microsurgery



Dafilon® is available with DSMP needles, the improved generation of reverse cutting needles with a precision point tip.

Dafilon® benefits combined with DSMP needles offer an advanced technology, which takes atraumatic tissue penetration to a new level, leading to better cosmetic results.

- Excellent tissue penetration
- Sharpness after multiple stitches
- High stability passing through tissue
- Smooth passage through the tissue
- High bending strength resistance
- Excellent grip to the needle holder

*An exclusive design
for an excellent outcome*



Dafilon® is basically indicated for dermal sutures, Plastic and Reconstructive surgery, Microsurgery and Ophthalmology for ophthalmic, microvascular and neural interventions.

USP 2 to 7/0

USP 8/0 to 11/0



Skin closure



Plastic and
reconstructive
surgery



Microsurgery



Ophthalmic
surgery

Dafilon®

Your reliable partner for dermal, plastic and microsurgery



Strength & Safety for Wound Closure



Dafilon®

Product overview

Structure	Monofilament
	
Colour	Blue, black or undyed
Chemical composition	Polyamide
Coating	Uncoated
Origin	Synthetic
Sizes	USP 11/0 (0.1 metric) to USP 2 (5 metric)
Type of absorption	Non-absorbable
Sterilisation	Gamma-irradiation / ethylene oxide (microsurgery 7/0 to 11/0)

Needle-Thread combinations

Needle			Thread	USP metric							
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
1/2 circle micro-needle with taper point											
180°	HRm 8 	140µ	15 Black				G1118030				
3/8 circle micro-needle with taper point											
135°	DRm 3 	50µ	5 15 Black	G1118064 G1117033	G1117041						
135°	DRm 4 	70µ	10 Black	G1118080	G1118099						
135°	DRm 4s 	140µ	10 Black			G1118137					
135°	DRm 5 	100µ	15 Black		G1118110	G1111434					
135°	DRm 6 	140µ	15 Black		G1118013	G1118161	G1118170				
Progressive curved micro-needle with taper point											
95/110°	PRm 4 	70µ	8 Black		G1118463						
100/90°	PRm 5 	100µ	13 Black			G1118471					
100/95°	PRm 6 	140µ	15 Black				G1118390				

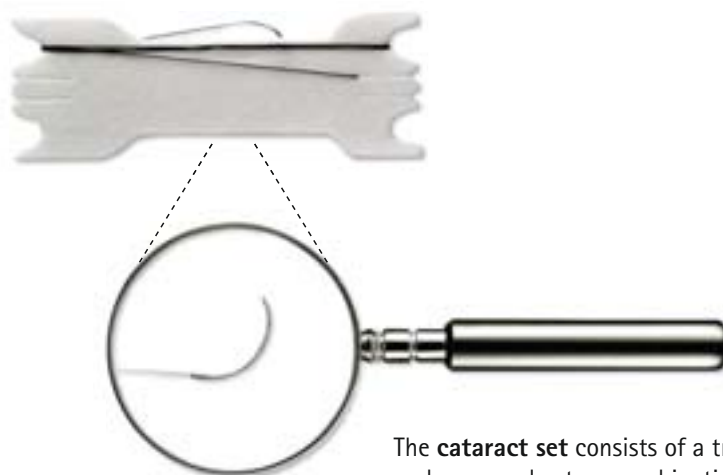
Needle-Thread combinations

Needle		Thread	USP metric								
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
3/8 circle round bodied micro-needle with short cutting point											
135°	DRCm 3 	100µ	15 Black		G1118048						
135°	DRCm 5 	100µ	15 Black			G1111140					
Progressive curved round bodied micro-needle with short cutting point											
100/95°	PRCm 5 	100µ	8 13 Black		G1118412	G1118420					
100/95°	2xPRCm 5 	100µ	3 Black		G1118447						
1/2 circle micro-lancet needle											
160°	HLm 6 	150µ	15 30 Black		G1118625 G1118641	G1118633 G1118650					
160°	2xHLm 6 	150µ	30 Black		G1118609	G1118617					
175°	2xHLm 8 	200µ	30 Black		G1118737						

Needle			Thread	USP metric							
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
3/8 circle micro-lancet needle											
135°	D_{Lm} 4 	125µ	15 Black	G1110012	G1110020						
140°	D_{Lm} 5 	150µ	15 30 Black		G1118684 G1118838						
140°	2xD_{Lm} 5 	150µ	30 Black		G1118862						
140°	D_{Lm} 6 	150µ	7 15 30 Black		G1118331 G1118722 G1118749	G1118730 G1118757					
140°	2xD_{Lm} 6 	150µ	5 30 Black		G1118706	G1118714	G1118668				
137°	D_{Lm} 6s 	200µ	15 45 Black		G1118781	G1118790	G1118579 G1118854				
137°	2xD_{Lm} 6s 	200µ	30 45 Black		G1118765	G1118773	G1111248				

Needle-Thread combinations

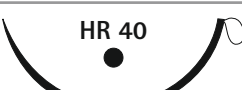
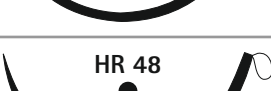
Needle			Thread	USP metric							
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
Progressive curved micro-lancet needle											
90°/55°	2xPLm 5		150μ	20 Black	G1111922						
											
Set of sutures for cataract											
Dafilon® 140°	DLm 6		150μ	15 45	G1117955						G1117955
Silkam® 135°	DS 12										
			480μ	Black							
Dafilon® 137°	DLm 6s		200μ	15 45	G1117947						G1117947
Silkam® 135°	DS 12										
			480μ	Black							



The **cataract set** consists of a traction suture and a corneal suture combination.

Needle			Thread	USP metric							
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
1/4 circle lancet needle with micro-point											
90°	 VLM 8	330µ	20 Black							C0970008	
90°	 2xVLM 8	330µ	45 Blue							C0938106	
Needle			Thread	USP metric							
length mm			length cm colour	6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
Straight cutting needle											
 2xGR 65			75 90 Blue					C0938505	B0932730		B0930192

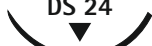
Needle-Thread combinations

Needle length mm	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
1/2 circle round bodied needle									
	100 Blue					C0930601			
 Loop	150 Blue						C0933490		
	100 Blue						C0934828	B0935549	
 Loop	150 Blue						C0934534		
	100 Blue							B0935743	
	100 Blue							B0935727	
 Loop	150 Blue						C0933589	B0933570	

Needle length mm	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
Straight cutting needle									
GS 51 	90 Blue			C0935590	C0935603	C0935611	C0935565	C0935573	
GS 60 	75 90 Blue			C0932647	C0932655 C0934658	C0932663 C0934690			
GS 65 	90 Blue			C0935557					
GS 75 	75 Blue						C0932710		

Needle-Thread combinations

Needle length mm	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
1/2 circle reverse cutting needle									
	90 Blue			C0932876	C0932884	C0932873			
	75 90 Blue				C0932957	C0935964 C0934968			
	75 90 Blue				C0934003	C0934011	C0934020	C0935034 C0934038	
	90 Blue					C0934054		C0934046	
	90 Blue							C0932787	
	75 90 Blue							C0932620 C0932604	

Needle length mm	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
3/8 circle reverse cutting needle									
DS 9 	45 Blue	C0932019							
DS 12 	45 60 75 Blue	C0933066 C0935042 C0934061	C0933074 C0935050 C0934070	C0932086 C0935069					
DS 16 	45 60 75 Blue	C0933112 C0932108	C0933120 C0935123	C0933139 C0935131	C0932140 C0935107				
DS 19 	45 75 90 Blue		C0933198 C0933236 C0935255	C0933201 C0933244 C0935220	C0933210 C0933252 C0935239	C0932221 C0935247			
DS 24 	45 75 90 Blue			C0933341 C0933384 C0935310	C0933350 C0933392 C0935328	C0933368 C0933406 C0935336	C0935379		
DS 30 	45 75 90 Blue			C0932450	C0933422 C0933457 C0934410	C0932477 C0935476 C0935522	C0932485 C0935484	C0932493 C0935492 C0934429	
DS 35 	75 90 Blue				C0934780	C0932809 C0934801	C0934810	C0930095 C0934836	
DS 39 	45 75 90 Blue			C0932531	C0932540	C0932545 C0932558 C0934569	C0932566 C0934573	C0932574 C0934577	C0934579

Needle-Thread combinations

Needle length mm	Thread length cm colour	USP metric								
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5	
3/8 circle reverse cutting needle										
	100 Blue					C0935859				
	100 Blue							C0934224		
	100 Blue					B0935905	B0935913	B0935915		
	100 Blue					C0932280				
	100 3 x 50 Blue					C0934917	C0934909	C0934925 G0930182	C0934933	

Needle	Thread	USP metric							
length mm	length cm colour	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0/0 3.5
3/8 circle reverse cutting needle with precision point									
DSMP 11 	45 Blue			C0936022	C0936014				
	45 Undyed			C0916122					
DSMP 13 	45 Blue			C0936081	C0936090	C0936103			
	45 Undyed				C0916133	C0916134			
DSMP 16 	45 75 Blue			C0936146 C0936143	C0936154 C0936650	C0936162			
	45 Undyed				C0916143	C0916144			
DSMP 19 	45 75 Blue				C0936227	C0936235 C0936731	C0936243 C0936740		
	45 Undyed					C0916154	C0916155		
DSMP 24 	45 75 Blue					C0936839	C0936316 C0936812	C0936324 C0936820	
	45 Undyed						C0916165		
DSMP 39 	75 Blue							C0934570	

Needle-Thread combinations

	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
Pre-cut sutures									
3 threads of 45 cm	3 x 45 Blue					C0436275			
6 threads of 45 cm	6 x 45 Blue			B0436532	B0436533	B0436534	B0436535	B0436536	B0436537
6 threads of 60 cm	6 x 60 Blue					B0436500			B0436503
2 threads of 100 cm	2 x 100 Blue			C0431249	C0431257	C0431265	C0431273	C0431290	C0431303
Ligature reels									
1 thread of 250 cm	1 x 250 Blue				G0436005				

Needle			Thread	USP metric							
angle	length mm	diameter microns	length cm colour	11/0 0.1	10/0 0.2	9/0 0.3	8/0 0.4	7/0 0.5	6/0 0.7	5/0 1	4/0 1.5
3/8 circle micro-needle with taper point											
135°	DRm 3 	50μ	15 Black	G1117033							
135°	DRm 4 	70μ	10 15 Black		G1118188 G1117092						
135°	DRm 5 	100μ	15 Black		G1118196	G1118200					
135°	DRm 6 	140μ	15 Black				G1118226				

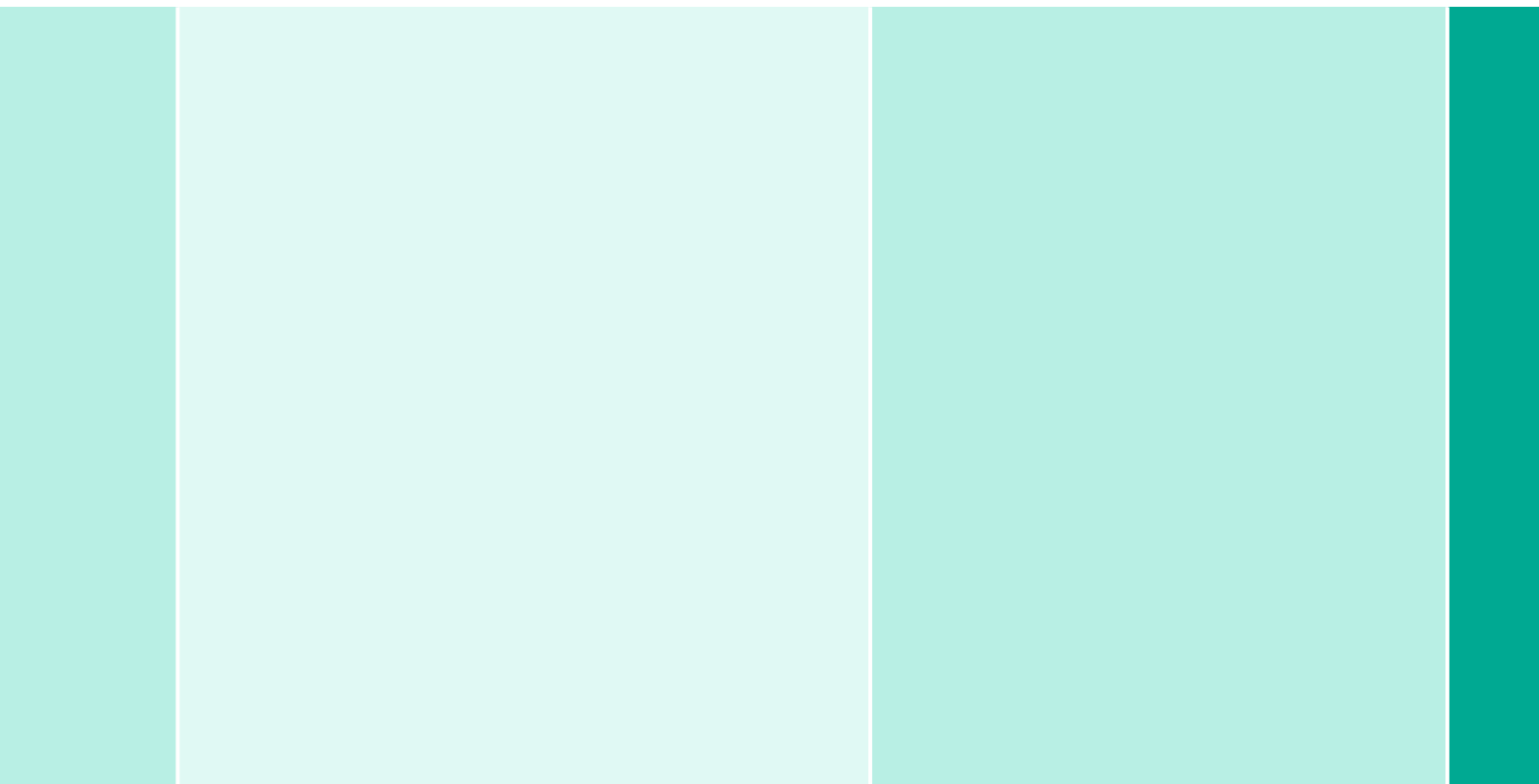
The ideal solution for:



- experimental surgery
- training purposes



- non-sterile micro suture material
- convenient presentation including 12 sutures
- complete product range of round bodied needles (50 - 140 microns)
- easy storage and handling



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