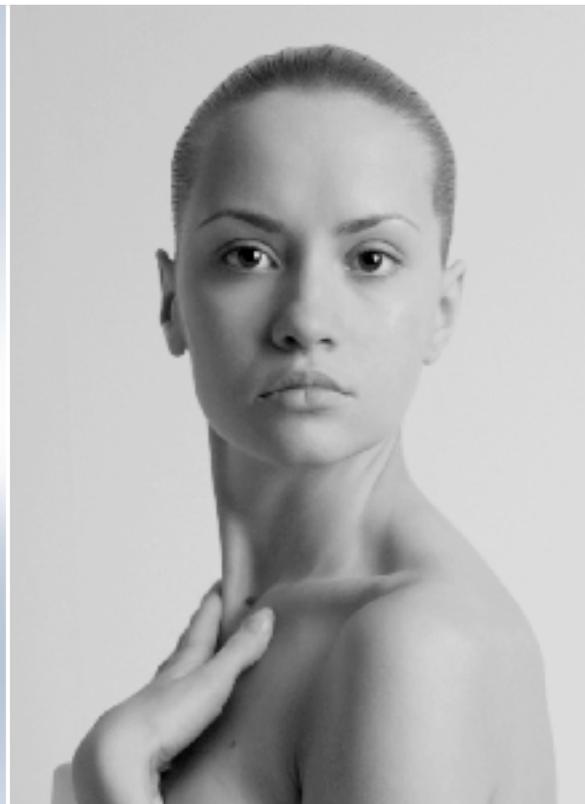


Dafilon[®]

Non-absorbable suture for skin closure

Non-absorbable synthetic monofilament suture made of polyamide



Sutures

Dafilon®

The Monofilament Advantage



Dafilon® helps to reduce bacterial adherence

Surgical site infections may increase a patient's hospital stay by seven to ten days¹, 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.

Taking The Monofilament Advantage of our suture portfolio combined with the benefits of non-absorbable monofilaments, Dafilon® will become the precise option to provide reliability and good cosmetic results.

The main advantages of using a monofilament suture are:

- Less infection promoting effect
- More gentle pass through the tissue
- Reliable Knotting

1. Less infection promoting effect

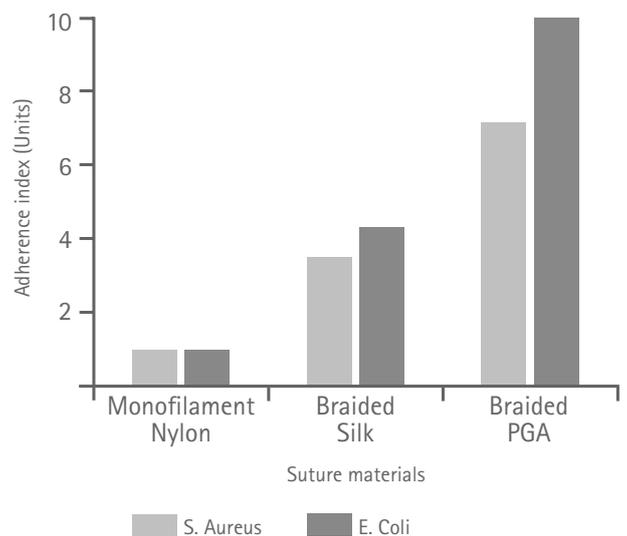
Monofilament sutures are much less prone to potentiating infections than multifilament sutures² because of:

- Sutures of monofilament structure are believed to be a relatively safe material since it has lower bacterial infiltration rates than sutures of multifilament structure³.

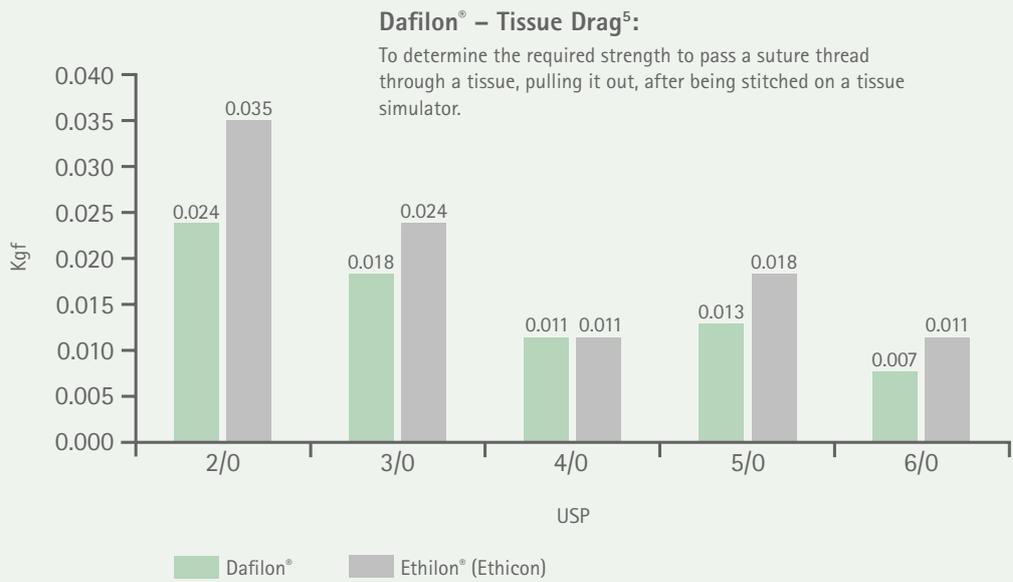


Comparative adherence of S. aureus and E. coli to different sutures. Adherence to nylon = 1 unit

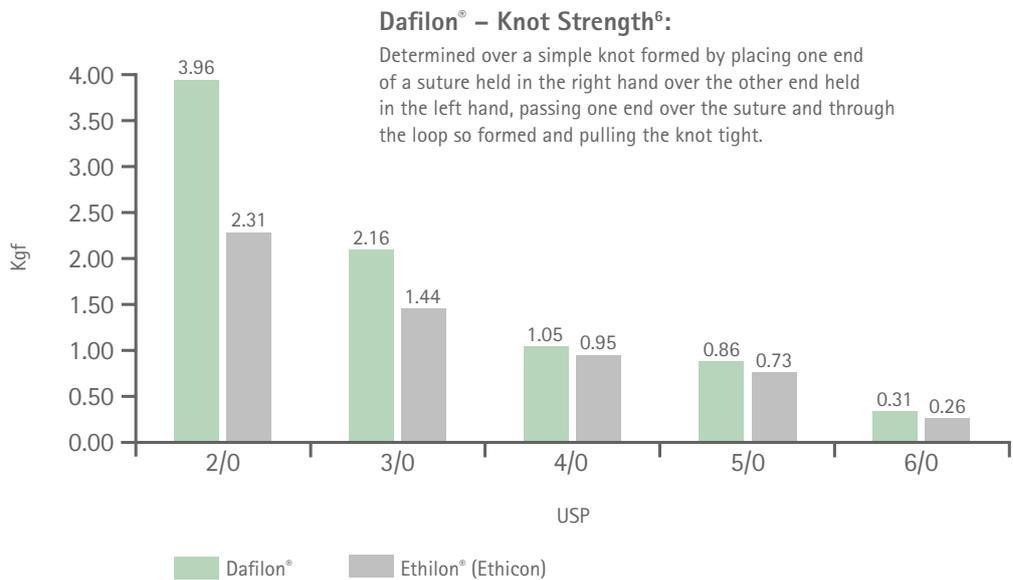
In vitro adherence assays revealed remarkable variations in the affinity of bacteria to sutures: nylon sutures bound the least bacteria, while bacterial adherence to braided sutures is five to eight folds higher⁴.



2. Improved wound healing, due to the smooth passage through the tissue:



3. Reliable Knotting



Dafilon®

Your reliable partner for skin closure



The ideal suture is the one offering the exact properties that the surgeon needs at each moment. In plastic and reconstructive surgery, the treatment of skin closure is essential to achieve the best results and patient satisfaction.

Thread handling and knotting are fundamental elements for skin approximation. Dafilon®, our non-absorbable synthetic monofilament suture made of polyamide, gives reliability in all these properties.

Plastic and Reconstructive Surgery

Skin Closure

Ophthalmic Surgery

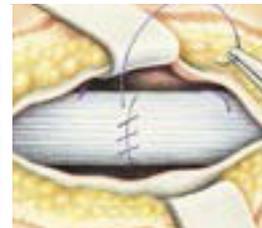
Orthopaedics



USP 2/0



USP 8/0



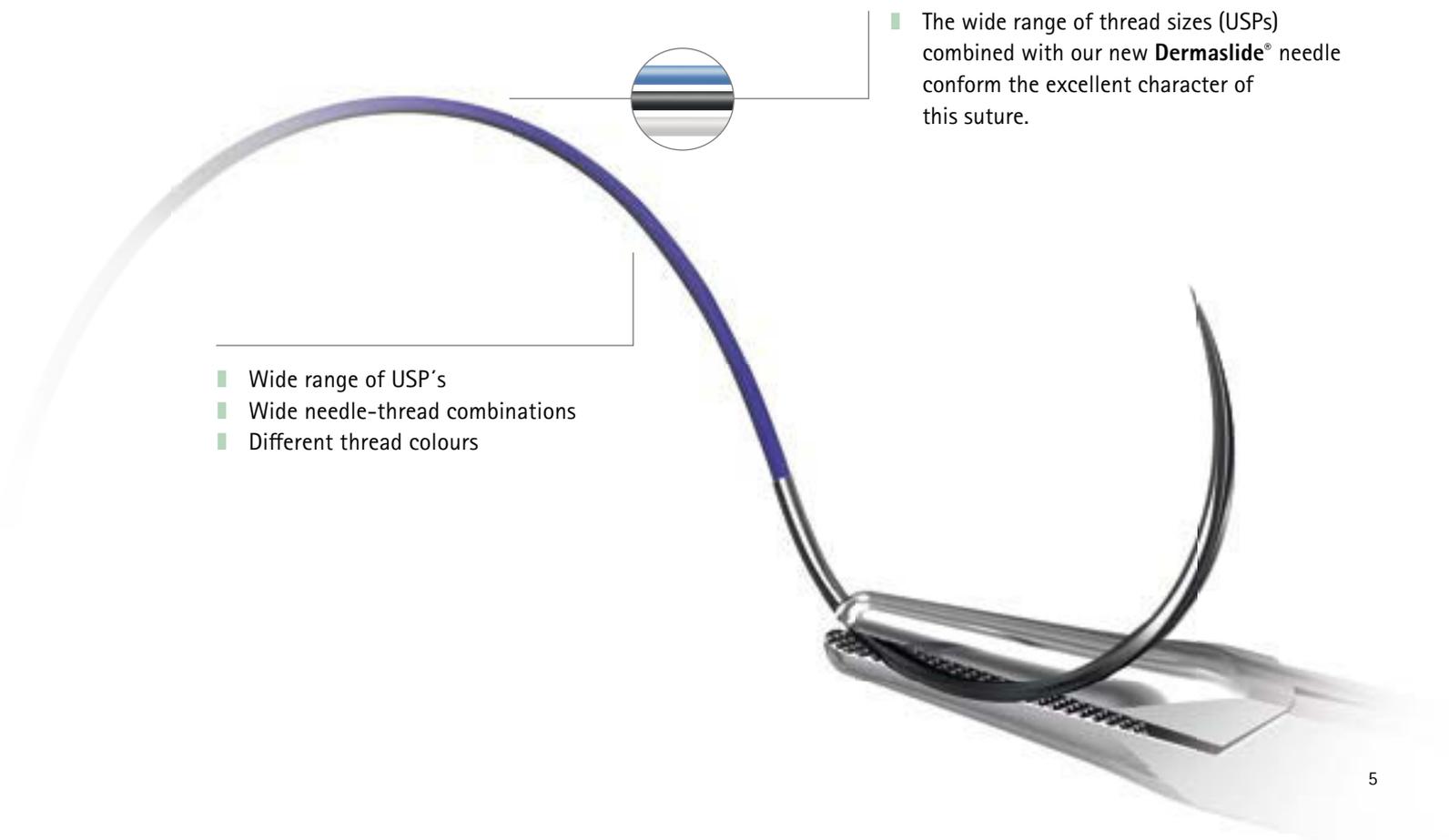
USP 11/0





Dafilon® manages to combine the two advantages that make it an exceptional thread for skin closure:

- **Smooth passage** through the tissue⁵
- **Less infection** promoting effect²
- **Ease of removal** that improves the process of stitch extraction



- The wide range of thread sizes (USPs) combined with our new **Dermaslide®** needle conform the excellent character of this suture.

- Wide range of USP's
- Wide needle-thread combinations
- Different thread colours

Dafilon®

Smoothness and flexibility for impressive cosmetic results



Dafilon® is indicated for all cutaneous and intradermal surgical procedures that require precise cosmetic results.

Dafilon® is the unique B. Braun non-absorbable monofilament suture that is available in undyed.

Strong

Dafilon® enhances the wound healing process, avoiding the risk of wound dehiscence due to:

- The strength of the thread
- The impressive knot security

Smoothness

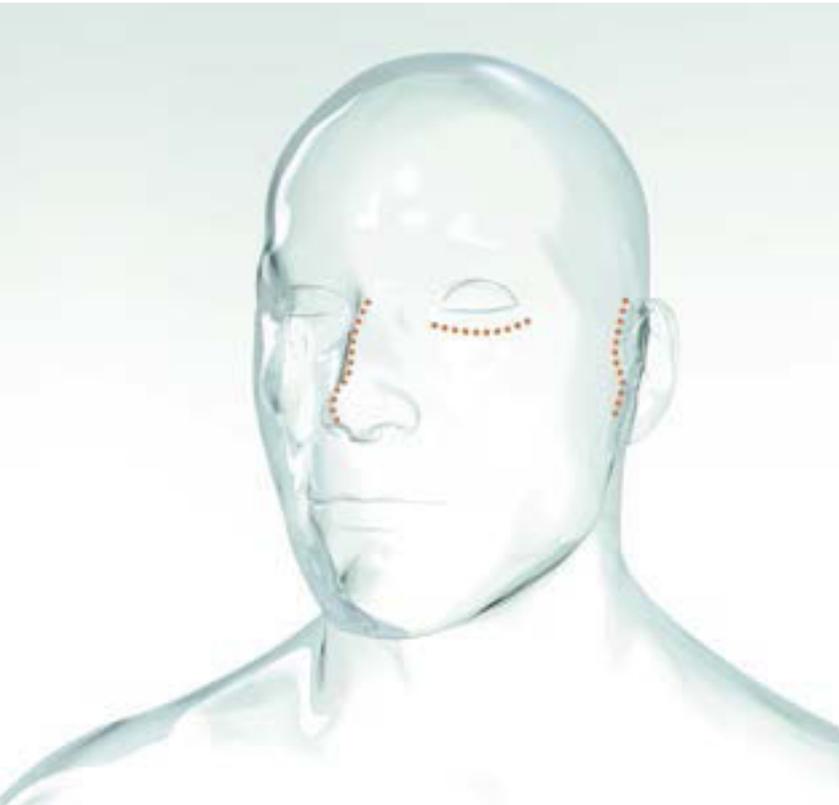
Dafilon® has a soft surface and a homogeneous diameter that permits an easy and smooth passage through the tissue:

- Highly atraumatic
- Avoids the risk of inflammatory reactions

Manageable

Due to its handling features, Dafilon® is for surgeons who are searching for:

- Adaptability to all kinds of wound edges
- Good flexibility that allows for an enhanced skin closure without any tissue strangulation
- Good cosmetic results through a good vascularization



The ideal suture is a needle-thread combination that offers high performance to the surgeon for the desired indication. For this reason, B. Braun has gone a step further by offering a totally innovative plastic surgery needle to combine with Dafilon®.

The ideal needle for the gentle Dafilon®.

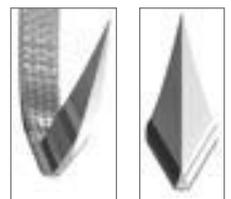
From our first reverse cutting to the outstanding **Dermaslide®** needle:

- Made from 300 series steel
- Continuous sharpness
- Flattened body prevents rotating in the needle holder



The reverse cutting needle tip with progressive micropoint enhances it so that every puncture is made with:

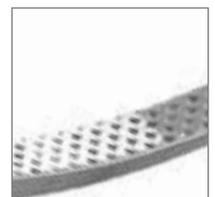
- High precision
- High depth control



- The DS needle was our first proposal indicated for skin closure.
- It is our traditional reverse cutting needle with extensive experience in the market: more than 15 million units delivered around the world annually.

The flattened and engraved body of the **Dermaslide®** needle provides:

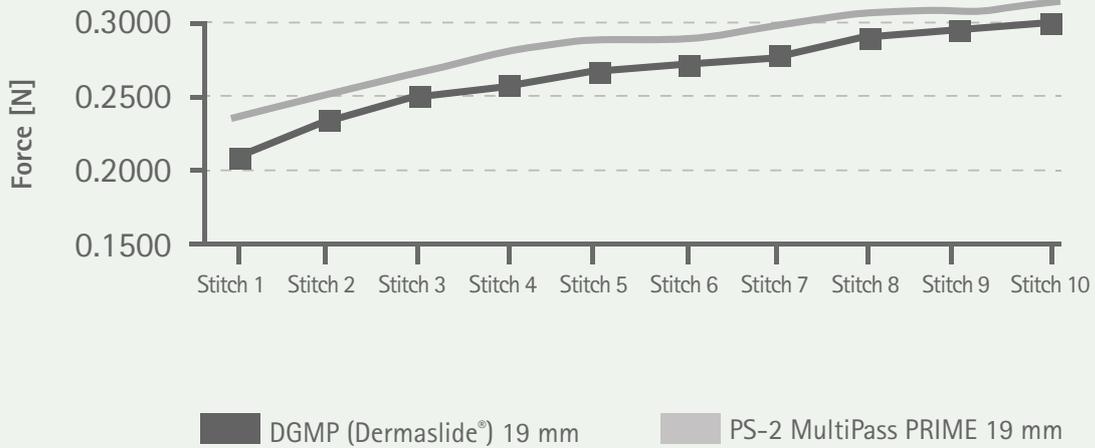
- Outstanding stability of the needle holder.
- Impressive glide pass through the tissue.



Dafilon®

New Dermaslide® needle: a definitive choice for skin closure

Dermaslide® Penetration Performance⁷



- Excellent tissue penetration
- Sharpness after multiple stitches
- High stability for tissue passage
- Outstanding bending strength resistance



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 8/0 to 11/0)



Dafilon®

Needle-Thread combinations

High Precision Micro Engraved Plastic Surgery Needle



Needle length mm	Thread length cm colour	USP metric							
		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 3.5
3/8 circle micro engraved needle with precision point									
DGMP 11 	45 Blue				C0933908				
DGMP 13 	45 Blue				C0933906	C0933903			
DGMP 16 	45 75 Blue				C0933907	C0933904	C0933902		
DGMP 19 	75 Blue					C0933905	C0933901		

C Box of 36 units

B Box of 24 units

G Box of 12 units

M Box of 6 units

Needle length mm	Thread length cm colour	USP metric							
		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 3.5
3/8 circle reverse cutting needle with precision point									
DSMP 7 	45 Black		C0977225		C0930018				
	45 Blue								
DSMP 9 	45 Blue				C0936122				
DSMP 11 	45 Black		C0977212						
	45 Blue			C0936022	C0936014				
	45			C0916122					
	75 Undyed			C0916022					
DSMP 13 	45 Blue			C0936081	C0936090	C0936103			
	45			C0916081	C0916133	C0916134			
	75 Undyed				C0916033	C0916034			
DSMP 16 	45			C0936146	C0936154	C0936162			
	75			C0936143	C0936650				
	Blue								
	45			C0912242	C0916143	C0916144			
DSMP 19 	75			C0936226	C0936227	C0936235	C0936243	C0936251	
	Blue					C0936731	C0936740		
	45				C0912247	C0916154	C0916155		
	75					C0916054	C0916055		
	Undyed								

Needle-Thread combinations

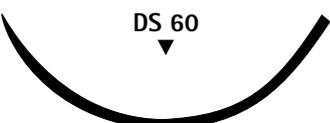
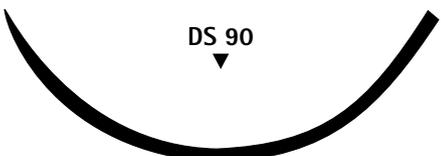
Needle length mm	Thread length cm colour	USP metric							
		6/0 0.7	5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5	1 4	2 5
3/8 circle reverse cutting needle with precision point									
 DSMP 24	45	C0936280	C0936294		C0936316	C0936324			
	75			C0936839	C0936812	C0936820			
	Blue								
	45			C0916308	C0916165				
	75				C0916065				
	Undyed								
 DSMP 24s	75				C0936814				
	Blue								
 DSMP 30	75			C0932452	C0936952				
	Blue								
 DSMP 39	75					C0934570			
	Blue								
3/8 circle reverse cutting needle									
 DS 9	45	C0932019	C0932020						
	Blue								
 DS 12	45	C0932060	C0932078	C0932086					
	60	C0935042	C0935050	C0935069					
	75	C0934061	C0934070						
	90		C0934067						
	Blue								
 DS 16	45	C0932116	C0932124	C0932132	C0932140				
	60	C0932108							
	75	C0935115	C0935123	C0935131	C0935107				
	90		C0935254	C0930165					
	Blue								
 DS 19	45		C0932191	C0932205	C0932213	C0932221	C0935181		
	75		C0935190	C0935204	C0935212	C0935213			
	90		C0935255	C0935220	C0935239	C0935247			
	Blue								
 DS 24	45		C0932317	C0932345	C0932353	C0932361	C0932370		
	75			C0935344	C0935352	C0935360	C0935379	C0935380	
	90			C0935310	C0935328	C0935336			
	Blue								

C Box of 36 units

B Box of 24 units

G Box of 12 units

M Box of 6 units

Needle length mm	Thread length cm colour	USP metric						
		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 30 	45		C0932441	C0932469	C0932477	C0932485	C0932493	
	75		C0932450	C0935468	C0935476	C0935484	C0935492	
	90			C0934410	C0935522	C0934391	C0934429	
	Blue							
DS 35 	75				C0932809		C0930095	
	90			C0934780	C0934801	C0934810	C0934836	
	Blue							
DS 39 	45				C0932545			
	75		C0932531	C0932540	C0932558	C0932566	C0932574	
	90				C0934569	C0934573	C0934577	C0934579
	Blue							
DS 45 	75				C0932850			
	100				C0935859			
	Blue							
DS 48 	75				C0932582			C0931640
	90				C0932784			
	100						C0934224	
	Blue							
DS 60 	100			B0935890	B0935905	B0935913	B0935915	B0935914
	Blue							
DS 76 	50							C0972650
	Black							
	50							C0932650
	75							C0931641
	100			C0932272	C0932280			B0935910
3 x 50								
Blue								
DS 90 	100			C0934916	C0934917	C0934909	C0934925	C0934933
	3 x 50						G0930182	
	Blue							

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle-Thread combinations

Needle length mm	Thread length cm colour	USP metric								
		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 3.5	
1/2 circle reverse cutting needle with precision point										
HSMP 12 	45 Blue				C0932998					
HSMP 15 	45 Blue				C0936618	C0936626	C0935418			
	45 Undyed				C0916618	C0916626				

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 40 	90 Blue			C0931056						
GS 45 	45 Blue				C0932736					
GS 51 	75						C0935530			
	90 Blue			C0935590	C0935603	C0935611	C0935565	C0935573		
GS 60 	75			C0932647	C0932655	C0932663				
	90 Blue				C0934658	C0934690	C0934691			
	75 Undyed				C0912224					
GS 65 	90 Blue			C0935557	C0935646	C0935654		C0935735		
GS 75 	75 Blue						C0932710			

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B. Braun Surgical, S.A. | Carretera de Terrassa, 121 | 08191 Rubí | Spain
Phone +34 93 586 6200 | Fax +34 93 699 6330 | www.bbraun.com

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany
Phone +49 7461 95-0 | Fax +49 7461 95-2600 | www.aesculap.com

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