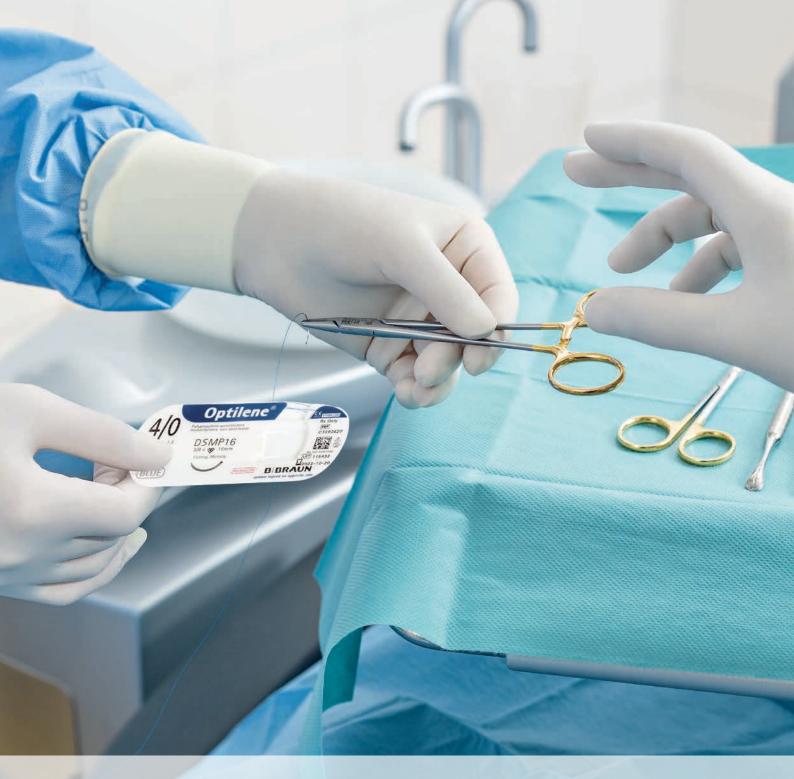




DENTAL SURGERY

COMPLETE PORTFOLIO FOR ORAL WOUND CLOSURE: SUTURES AND BIOSURGICALS



COMPLETE CLOSURE TECHNOLOGIES PORTFOLIO FOR DENTAL SURGERY:

The needle-thread combinations listed in this catalog are just a selection of the several thousands possible combinations that exist in the B. Braun suture portfolio.

Therefore, if the desired combination in not listed here, please contact B. Braun Surgical, S.A. Carretera de Terrassa, 121 | 08191 Rubí | Spain
Phone +34 93 586 6200 | Fax +34 93 588 1096 | www.bbraun.com

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+++ Monosyn® Quick +++ Monosyn® +++ MonoPlus® +++ Novosyn® Quick +++
Novosyn® +++ Optilene® +++ Dafilon® +++ PremiCron® +++ Supramid +++ Silkam® +++
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COMPLETE SUTURE RANGE

NON-ABSORBABLE SUTURE MATERIAL

PSEUDO-MONOFILAMENT/MONOFILAMENT

Pseudo-monofilament Advantage	Monofilament Advantage	Monofilament Advantage
Supramid	Dafilon [®]	Optilene [®]
Form Resent Section 1971 Section 1	Position Position Position and family AS CITI STATE STATE STATE STATE BIBRAIN 8. State Season And OS 362 43 BIBRAIN 8. State Season And OS 362 43	Optilene Section 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19
Polyamide 6/6.6, non-absorbable	Polyamide 6/6.6 (dyed blue or undyed), Polyamide 6.6 (dyed black), non-absorbable	Polypropylene and polyethylene, non-absorbable
Coating:	Coating:	Coating:
none	none	none
USP 6/0 to 3	USP 11/0 to 3	USP 10/0 to 2
metric 0.7 to 6	metric 0.1 to 6	metric 0.2 to 5

BRAIDED

Braided	Braided
Silkam®	PremiCron [®]
Silkam Sin transformer HDZS 75 cm W 2027-11 2027-12 BIBRAUN 4- 8 to 12 - 2 mg/m	PremiCron Polyclin better to be desirably property of the polyclin of the pol
Natural silk, non-absorbable	Polyester, non-absorbable
Coating: pure beeswax or refined paraffin wax	Coating: silicone
USP 8/0 to 6 metric 0.4 to 8	USP 6/0 to 5 metric 0.7 to 7

ABSORBABLE SUTURE MATERIAL

MONOFILAMENT

Monofilament Advantage	Monofilament Advantage	Monofilament Advantage
Monosyn [®] Quick	Monosyn®	MonoPlus®
Monosyn® Quick Spring the services and the services are services and the services and the services and the services are services and the services and the services are services and the services and the services are services and the servi	Monosyn* 3/0 (IRRED) BOMP19 TO ORD 28** BOMP19 TO ORD 28** BOMP19 BOMP	PRO-DOMESTIC TOUR OF STATE OF
Glyconate, short-term absorbable	Glyconate, mid-term absorbable	Polydioxanone, long-term absorbable
Coating:	Coating:	Coating:
USP 6/0 to 1	USP 7/0 to 2	USP 7/0 to 2

metric 0.5 to 5

metric 0.5 to 5

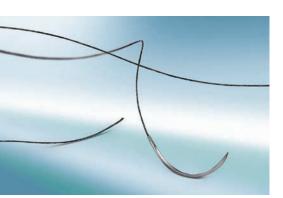
BRAIDED

metric 0.7 to 4

BRAIDED		
Braided	Braided	
Novosyn [®] Quick	Novosyn®	
		Monofilament Advantage
Novosyn Quick Microry 19 10 by beach Hicars 190 cm	NOVOSYN BILLIAN COMMINISTRATION BILLIAN COMI	
Polyglactin 910, short-term absorbable	Polyglactin 910, mid-term absorbable	- Braided
Coating: polyglactin 370 and calcium stearate	Coating: polyglactin 370 and calcium stearate	
USP 6/0 to 2 metric 0.7 to 5	USP 8/0 to 2 metric 0.4 to 5	

Supramid

NON-ABSORBABLE SUTURE



DESCRIPTION

Supramid is a non-absorbable synthetic suture made of polyamide, available in two different structures depending on suture diameter:

- Monofilament (USP 6/0-5/0)
- Pseudo-monofilament (USP 4/0-2)

Needle	Thread				USP (r	netric)			
length mm	length cm color	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 (4)
3/8 circle reserve cutting needle									
DS 12	45 black			G0712078	G0712086	G0712094			
DS 16	45 black			G0712124	G0712132	G0712140			
DS 19	45 75 black			G0712191	G0712205 G0714208	G0712213 G0714216	G0712221 C0714224		
DS 24	45 75 black				G0712345	G0712353 G0714356	G0712361 G0714364	G0714372	
1/2 circle reverse cutting needle									
HS 15	45 black			G0712035	G0712043	G0712051			
HS 21 ▼	45 black 75 white			G0712248	G0712256	G0712264 C0692719			
HS 26	75 black						G0712426	G0712434	
HS 30	75 white						C0692689		

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	USP (metric)									
length mm	length cm color	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 (4)		
5/8 circle conventional cutting r	5/8 circle conventional cutting needle										
FSI 20	45 black				C0712884	C0712892					
FSI 25	45 black					C0712930					
3/8 circle reverse cutting needle	with preci										
DSMP 11 Easystide	45 black		C0716073	C0716081							
1/2 circle reverse cutting needle	with preci										
HSMP 15	45 black			C0716189							
HSMP 18 ▼ Easystide	45 black				C0716219						
	Thread				USP (r						
	length cm color	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											
5 threads of 45 cm	3 x 45 black			C0216445	C0216453						

Dafilon®

NON-ABSORBABLE SUTURE



DESCRIPTION

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

Needle	Thread	Thread USP (metric)									
length mm	length cm color	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 (4)		
3/8 circle reverse cutting needle											
DS 12	45 blue		G0932060	G0932078	G0932086						
DS 16	45 blue		G0932116	G0932124	G0932132						
DS 19	45 75 blue			G0932191	G0932205 G0935204	G0932213 G0935212	G0932221				
DS 24	45 75 blue				G0932345 G0935344	G0932353 G0935352	G0932361 G0935360				
DS 30	45 75 blue					C0932469 G0935468	G0935476				
3/8 circle trapezoidal micro eng	raved with	precision p									
DGMP 11	45 blue			C0933908							
DGMP 13	45 blue			G0933906	G0933903						
DGMP 16 ▼	45 75 blue			G0933907	C0933909 C0933904						
DGMP 19 ▼	45 75 blue			G0933911	G0933910 C0933905	C0934008 C0933901					

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units

Needle	Thread				USP (r	metric)			
length mm	length cm color	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 (4)
3/8 circle reverse cutting needle	with preci								
DSMP 7	45 blue		C0930018						
DSMP 13 Easystide	45 blue		G0936081						
Needle	Thread				USP (ı	metric)			
length mm	length cm color	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 needle m	icro needl	e							
DRm 3	5 15 black	G1118064	G1117041						
DRm 4	10 black	G1118080	G1118099						
DRm 4s	10 black			G1118137					
DRm 5	15 black		G1118110	G1111434					
DRm 6	15 black			G1118161					

Optilene®

NON-ABSORBABLE SUTURE



DESCRIPTION

Optilene® is a non-absorbable monofilament surgical suture made of polypropylene and polyethylene.

Needle	Thread	USP (metric)							
length mm	length cm color	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 (4)
3/8 circle reverse cutting needle									
DS 12 Easyslide	45 blue		G3090206	G3090207					
DS 16	45 75 blue		G3090211	G3090212 C3090512	G3090213 G3090513				
DS 19 V Easyslide	45 blue			G3090219	G3090220	G3090221			
DS 24	45 75 blue				G3090434	G3090435	G3090436 G3090236		
DS 30	45 75 blue					G3090246	C3090447 G3090247		
1/2 circle reverse cutting needle									
HS 18 Easyslide	45 blue			C3090264					
HS 26	75 blue					G3090269	G3090270		

Needle length mm	Thread length cm color	7/0 (0.5)	6/0 (0.7)	5/0 (1)	USP (r 4/0 (1.5)	metric) 3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
3/8 circle trapezoidal micro eng	raved with	precision po	oint						
DGMP 11	45 blue		G3095588						
DGMP 13	45 blue		G3095589	G3095518	G3095910				
DGMP 16 ▼	45 blue			G3095549	C3095499				
DGMP 19	45 blue			G3095550		C3095591			
3/8 circle reverse cutting needle	with preci	sion point							
DSMP 11 Easyslide The state of the state o	45 blue	G3090606		G3090608					

Silkam®

NON-ABSORBABLE SUTURE



DESCRIPTION

Silkam® is a non-absorbable, braided and coated suture, made of natural silk filaments.

Needle	Thread				USP (r	netric)			
length mm	length cm color	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 (4)
1/2 circle round bodied needle									
HR 13	45 black			C0760072					
HR 17	75 black				G0760137	G0760145			
HR 22	75 black			C0760285		G0760307	G0760315		
HR 26	75 black					G0760412	G0760420		
3/8 circle reverse cutting needle									
DS 12	45 black		G0762067	G0762075	G0762083	G0762091			
DS 16	45 75 black		G0762113	G0762121	G0762130	G0764140	G0764159		
DS 19	45 75 black		C0765171	G0762199	G0762202	G0762210 G0765210	G0762229		
DS 24	75 black				G0762342	G0762350	G0762369		
DS 30	75 black						G0762474		G0762490

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				USP (r	netric)			
length mm	length cm color	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 (4)
1/2 circle reverse cutting needle									
HS 15	45 75 black			C0765490	G0762040	G0762059			
HS 21	45 black			G0762245	G0762253	G0762261			
HS 23 ▼	45 black					G0762300	G0762326		
HS 26	75 black					G0762415	G0762423		
3/8 circle reverse cutting needle	with preci	sion point							
DSMP 7	45 black	G0766038							
DSMP 11 Easyslide	45 black		G0766070	G0766089					

	Thread length cm color	6/0 (0.7)	5/0 (1)	4/0 (1.5)	USP (r 3/0 (2)	netric) 2/0 (3)	0 (3.5)	1 (4)	2 (5)
Pre-cut sutures									
3 threads of 45 cm	3 x 45 black			C0266248	C0266256				
5 threads of 45 cm	5 x 45 black				C0266450				
10 threads of 45 cm	10 x 45 black			C0266647	C0266655	C0266663			
Ligature reels									
1 thread of 250 cm	1 x 250 black			G0260410	G0260428	G0260436			

PremiCron®

NON-ABSORBABLE SUTURE



DESCRIPTION

PremiCron® is a non-absorbable braided and coated synthetic multifilament composed of polyester fibres.

Needle	Thread				USP (r	netric)			
length mm	length cm color	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (3)	2 (5)
1/2 circle round bodied needle									
HR 13	45 green	-	G0026029						
HR 17	75 green			G0026004					
1/2 circle round bodied needle w	ith short c	utting poin	t						
2xHRC 17 ©Pass	90 green				C2026305				
3/8 circle reverse cutting needle									
DS 12 Easyslide	45 green		C0026172	G0026173					
DS 16	45 green		C0026176	G0026177					
DS 19	45 green		C0026551	G0026552	G0026553	C0026554			
DS 24	45 75 green			C0026514	C0026515	C0026190			
DS 30	75 green						G0026532	C0026533	

Needle	Thread				USP (r	netric)			
length mm	length cm color	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (3)	2 (5)
1/2 circle reverse cutting needle									
HS 15	45 green			C0026197	C0026198				
HS 21	45 green			C0026199	G0026200				
HS 26	75 green				C0026420	C0026421			

Monosyn® Quick

ABSORBABLE SUTURE



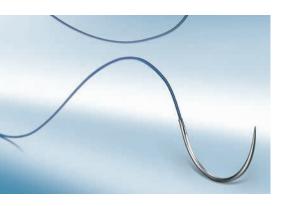
DESCRIPTION

Monosyn® Quick is an undyed short-term absorbable synthetic monofilament suture made of glyconate for the approximation of soft tissue with a fast healing process.

Needle	Thread	USP (metric)							
length mm	length cm color	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (3)	2 (5)
3/8 circle reverse cutting needle									
DS 12	45 70 undyed	C0025134	C0025135 C0025323	C0025136 C0025304	C0025169				
DS 16	45 70 undyed		C0025125 C0025331	C0025126 C0025332	C0025333				
DS 19	45 70 undyed	C0025005	C0025001 C0025006	G0025002 C0025007	C0025003 C0025008	C0025009			
DS 24	45 70 undyed			C0025011	C0025351 C0025012	C0025352 C0025013	C0025342		
DS 30	70 undyed				G0025014	G0025015	C0025107		
1/2 circle reverse cutting needle									
HS 15	45 undyed		C0025143						
HS 18	70 undyed				C0025379				
HS 23	45 undyed			C0025388	C0025389				
HS 37	70 undyed						C0025174		

Needle	Thread USP (metric)								
length mm	length cm color	6/0 (0.7)	5/0 (1)	4 / 0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (3)	2 (5)
1/2 circle reverse cutting needle									
HS 37s	90 undyed					C0025265	C0025266		
HS 40s	90 undyed						C0025256	C0025257	
3/8 circle trapezoidal micro engr	aved with p	recision poi	nt						
DGMP 11	45 undyed	G0025807	C0025805						
DGMP 13	45 undyed		G0025806	C0025802					
DGMP 16 ▼	45 undyed			G0025803					
DGMP 19 ▼	45 70 undyed		C0025808	G0025804	C0025801				
DGMP 24 ▼	45 70 undyed				C0025809 C0025138				
3/8 circle reverse cutting needle	with precis	ion point							
DSMP 11	70 undyed		C0025112						
DSMP 13 Easyslide	45 70 undyed	G0025023 C0025111	C0025113	C0025337					
DSMP 16 Easyslide	45 70 undyed	C0025027	G0025028	C0025130	G0025030				
DSMP 19 Easyslide	45 70 undyed			C0025036	C0025033	G0025038			
DSMP 24 Easystide	45 70 undyed			C0025039 C0025042		C0025044			
1/2 circle reverse cutting needle	with precis	ion point							
HSMP 15	45 undyed			C0025101					

Monosyn® ABSORBABLE SUTURE



DESCRIPTION

Monosyn® is a mid-term absorbable synthetic monofilament suture made of glyconate, available in undyed color for the closure of superficial wounds and in violet color for the rest of indications. Monosyn® offers high knot pull tensile strength.

Needle	Thread				USP (r	netric)			
length mm	length cm color	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 (4)
3/8 circle reverse cutting needle									
DS 12 Easyslide	45 70 70 undyed		G0023102 G0023412 G2023412	G0023103 G0023413 G2023413	C0023414 C2023414				
DS 16	45 45 violet			G0022419 G2022419					
•	45 45 70 70		C0023562	C0023563	G0023303 G2023303 G0023424 G2023424	G0023425 G2023425			
<u>Easyslide</u>	70 70				G0022204 G2022204	G0022205 G2022205			
DS 19	violet 45 45			C0023503	G0023204 G2023204	G0023205 G2023205			
Easyslide	70 70 undyed			G0023403 G2023403	G0023404 G2023404	G0023405 G2023405	C0023406		
DS 24	70 violet 45 70 70				G0023214 G2023214	C0023115 G0023215 G2023215	G0022216 C0023116 G0023216		
Easyslide	undyed				U2U23214	U2U23215			

Italic codes: RCP packaging

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				USP (r	netric)			
length mm	length cm color	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 (4)
1/2 circle reverse cutting needle									
HS 18	70 undyed			C0023263	C0023264				
HS 23	70 70 undyed				C0023224	G0023225 G2023225	C0023226		
HS 26	70 violet 70 undyed						G0022237 G0023240		
HS 26s	70 violet						G0022242	G0022243	
3/8 circle trapezoidal micro engra	aved with p	recision poi	nt						
DGMP 11 ▼	45 undyed		C0023709	C0023705					
DGMP 13	45 undyed		C0023710	G0023706	G0023702				
DGMP 16	45 70 undyed			C0023707	G0023703	C0023711			
DGMP 19 ▼	45 45 70 70 undyed			C0023708	G0023704 G2023704	G0023701 G2023701			
DGMP 24	70 70 undyed					C0023717 C2023717			
3/8 circle reverse cutting needle	with precisi	ion point							
DSMP 19 Easystide	70 70 undyed				G0023627 G2023627				

Italic codes: RCP packaging

MonoPlus® ABSORBABLE SUTURE



DESCRIPTION

MonoPlus® is a violet long-term absorbable synthetic monofilament suture made of polydioxanone. MonoPlus® offers good handling combined with great strength. Due to its slow degradation profile, MonoPlus® is indicated for use in general soft tissue approximation, specially in cases where an extended wound support of more than 4 weeks is desirable.

Needle	Thread				USP (ı	metric)			
length mm	length cm color	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									
HR 13ss	70 violet				C0024205				
Easyslide HR 17	70 violet		G0024013	G0024014					
HR 22	70 violet			G0024134	G0024135				
HR 22s	70 violet						C0024147		
HR 26	70 violet			G0024024	G0024025	G0024026			
1/2 circle reverse cutting needle									
HS 26s	70 violet					G0024186			

Novosyn® Quick

ABSORBABLE SUTURE



DESCRIPTION

Novosyn® Quick is a polyglactin 910 braided suture with fast degradation profile. Novosyn® Quick is intended for use in soft tissue approximation when only short-term wound support is required and when the rapid absorption of the suture would be beneficial.

Needle	Thread				USP (r	netric)			
length mm	length cm color	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									
HR 13	70 undyed		C3046002						
HR 17 Easyslide	70 undyed		C3046012	C3046013	C3046014				
HR 22	45 70 undyed			C3046029	C3046024 C3046030	C3046031			
HR 22s	70 undyed					C3046131			
HR 26	45 70 undyed			C3046040	C3046051 C3046041	C3046042	C3046043		
HR 26s	70 undyed					C3046090	C3046091	C3046092	
HR 30	70 undyed				C3046046	C3046047	C3046048	C3046049	
HR 30s	70 undyed							C3046053	

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	usp (metric)								
length mm	length cm color	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										
HR 37	70 undyed						C3046006			
HR 37s	45 90 undyed					C3046590 C3046595	C3046596	C3046597		
HR 40s	70 90 undyed				C3046554	C3046467	C3046556	C3046557	C3046559 C3046558	
HR 43	90 undyed					C3046170				
HR 43s	90 undyed						C3046506			
HR 48	90 undyed					C3046180	C3046661	C3046663		
5/8 circle round bodied needle										
Easyslide FR 26	90 undyed						C3046083			
FR 36	90 undyed						C3046078			
3/8 circle round bodied needle w	ith short cu	tting point								
DRC 12	70 undyed		C3046311							
DRC 18	70 undyed			C3046320	C3046321				23	

Novosyn® Quick

ABSORBABLE SUTURE

Needle	Thread				USP (ı	netric)			
length mm	length cm color	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 wi	ith short cu	itting point							
HRC 37s	90 undyed					C3046651	C3046652	C3046653	
HRC 43	90 undyed					C3046664	C3046662	C3046365	
HRC 48	90 undyed							C3046375	
1/2 circle round bodied needle w	/ith blunt p	oint							
HRN 75	90 undyed						B3046605		
3/8 circle reverse cutting needle									
DS 12	70 undyed		C3046202	C3046203					
DS 16	70 undyed		C3046212	C3046213	C3046214				
DS 19	45 70 undyed		C3046219 C3046419	C3046220 C3046420	C3046221 C3046421	C3046422			
DS 24	45 70 undyed			C3046234	C3046535 C3046235	C3046536 C3046236			
DS 30	90 undyed				C3046246	C3046247	C3046248		

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				USP (r	netric)			
length mm	length cm color	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									
HS 15	45 undyed			C3046204					
HS 18	45 70 undyed			C3046226	C3046227				
HS 23	45 undyed			C3046229	C3046230	C3046231			
HS 37s	90 undyed					C3046240	C3046241	C3046242	
HS 40s	90 undyed							C3046587	
HS 48	90 undyed						C3046525		
Straight reverse cutting needle									
GS 13	45 undyed			C3046208					
GS 51	70 undyed			C3046271	C3046272	C3046273	C3046274		
Easyslide GS 60 ▼	70 undyed					C3046410			

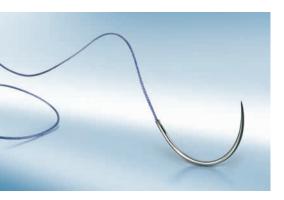
Novosyn® Quick

ABSORBABLE SUTURE

Needle	Thread				USP (r	netric)				
length mm	length cm color	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 11 Easyslide	45 70 undyed	C3046607 C3046603	C3046610							
DSMP 13 Easyslide	45 undyed		C3046619	C3046620						
DSMP 16 Easyslide	45 70 undyed		C3046611	C3046625 C3046685						
DSMP 19 Easyslide	45 70 undyed			C3046629 C3046529	C3046630 C3046530	C3046631 C3046531				
DSMP 24 Easyslide	45 70 undyed				C3046154 C3046657	C3046155 C3046658				

	Thread	USP (metric)								
	length cm color	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	3 (6)	
Pre-cut sutures										
3 threads of 45 cm	3 x 45 undyed			C3037625	C3037626	C3037627	C3037628			
6 threads of 45 cm	6 x 45 undyed		C3037004	C3037005	C3037006	B3037007	B3037008			
2 threads of 70 cm	2 x 70 undyed				C3037026	C3037027	C3037028			
5 threads of 70 cm	5 x 70 undyed		C3037444		C3037446					

Novosyn® ABSORBABLE SUTURE



DESCRIPTION

Novosyn® is a mid-term absorbable braided and coated synthetic suture made of polyglactin 910, that degrades by hydrolysis.

Needle	Thread	USP (metric)								
length mm	length cm color	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 round bodied needle										
DR 12	60 70 violet			C0068434	C0068435	C0068105 C0068436				
2xDR 12 Easystide	45 undyed			C0069725						
DR 15	45 70 violet					C0068137 C0068107				
DR 18	45 70 violet				C0068155	C0068138 C0068150	C0068151			
DR 22	70 violet					C0068159	C0068160	C0068161		
DR 22b	70 violet					C0068108	C0068117			
DR 26	70 120 violet						C0068164 C0068179	C0068165		
DR 32	70 violet						C0068170	C0068171	C0068172	
Needle	Thread	USP (metric)								
length mm	length cm color	7/0 (0.5)	6/0 (0.7)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)	2 (5)	
DR 32	70 90 violet					C0068566	C0068567	C0068173 C0068568	C0068168	

Needle	Thread	USP (metric)							
length mm	length cm color	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 (4)
1/2 circle round bodied needle									
HR 6	30 45 violet	C0068149 C0068020							
HR 10	70 violet 45 undyed		C0068002 C0069802	C0068003					
HR 13	45 70 90 violet 45		C0068449 C0068006 C0069405	C0068450 G0068007 C0069407	C0068451 C0068008 C0068452 C0069408	C0068009			
HR 13	70 undyed 4 x 45 8 x 45			C0069007 C0088718 M0088190	C0069008 C0088719 M0088191				
HR 13ss	violet 45 70 violet					C0088320 C0068120	C0088321 C0068110	C0088322 C0068111	
HR 17f	70 violet				C0068888				
HR 17	45 70 90 violet 70		C0068011	G0068012 C0069012	C0088340 G0068013 C0068853 C0069013	G0068014 C0068854 C0069014	C0068015 C0068855 C0069015	C0068016	
Easyblack HR 17b	70 violet			C0068144	C0068147	C0068152			
HR 17 Easyslide take off	4 x 45 8 x 45 4 x 70 8 x 70 violet 4 x 45 undyed				C0088713 M0088185 C0088613 M0088255 C0089713	C0088714 M0088187 C0088614			
HR 17b	8 x 45 violet						M0068153		
2xHR 17	70 90 violet			C0068869	C0068870	C0068904			

Novosyn® ABSORBABLE SUTURE

Needle	Thread				USP (r	netric)			
length mm	length cm color	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 (4)
1/2 circle round bodied needle									
2xHR 17b	70 violet			C0068163	C0068176				
Easyslide HR 17s	45 70 violet				C0068113	C0088335 C0068114	C0068115	C0068116	C0068118
HR 20	70 90 violet				C0068765	C0068766 C0068763	C0068767		
HR 22	20 45 70 90 120 violet 70			C0068028	G0068029 C0068438	C0068069 C0088325 G0068030 C0068877 C0068078	C0068004 C0068031 C0068881 C0068880 C0069031	C0068032	C0069033
Easyslide HR 22b	90 undyed 70 120				C0068181	C0069720 C0068186 C0068365	C0068189		
HR 22	violet 4 x 45 8 x 45 4 x 70 8 x 70				C0088729 M0088177 C0088629 M0088248	C0088730 M0088178 C0088630 M0088249	C0088731 M0088180 B0088631 M0088250		
take off HR 22b take off	violet 4 x 45 8 x 45 violet				M0068182	C0088732 M0068188			
Easystide 2xHR 22	90 violet					C0068874	C0068875		
2xHR 22b	70 90 violet				C0068190 C0068191	C0068192			

C Box of 36 units B Box of 2	4 units G Box of 12 units	M Box of 6 units
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Needle	Thread				USP (r	netric)			
length mm	length cm color	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									
HR 22s	70 violet 70 undyed			C0068932	C0068934 C0069934	C0068036	C0068037	C0068038	
2xHR 22s	70 violet						C0068937		
HR 22ss	70 violet							C0068033	
HR 26	20 45 70 4 x 70 90 120 violet 70 90 undyed		C0068039	G0068040 C0068540 C0069040	C0068079 G0068041 C0088647 C0068541 C0068088 C0069041 C0069541	C0068018 C0068109 G0068042 C0068542 C0068067 C0069042 C0069540	C0068043 C0068543 C0069043 C0069543	C0068044 C0068544	C0068034 C0068545
HR 26b	70 violet			C0068196	C0068198	C0068209			
HR 26 Easyslide take off	4 x 45 8 x 45 4 x 70 8 x 70 violet 4 x 45 8 x 45 undyed			C0088740 M0088170 C0088640 M0088237	C0088741 M0088171 C0088641 M0088239 C0089741 M0089116	C0088742 M0088172 C0088642 M0088241 M0089117			
HR 26b	8 x 45 8 x 70 violet				M0068200 M0068201				

Novosyn® ABSORBABLE SUTURE

Needle	Thread				USP (ı	netric)			
length mm	length cm color	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									
2xHR 26	70 90 violet				C0068901	C0068902	C0068907		
2xHR 26b	70 90 violet				C0068210 C0068216	C0068217			
HR 26s	45 violet					C0068019			

	Thread	usp (metric)							
	length cm color	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 violet			G0058624	G0058625				

B. BRAUN NEEDLE NOMENCLATURE

TO IDENTIFY THE DIFFERENT TYPES OF NEEDLES, B. BRAUN USES THE FOLLOWING NOMENCLATURE:

	Α		В		С	12		D
	Needle curvature		Body type		Point type	Needle length		Remark
S	1/8 circle	R	round body	Т	trocar point		ff	extra thin
V	1/4 circle	S	cutting needle	N	blunt point			bodied needle
D	3/8 circle	L	lancet needle	S	sternum point	 nis refers to the stance between	f	thin bodied needle
Н	1/2 circle	G	trapezoidal body	С	short cutting point	ne needle point		heavy
F	5/8 circle			М	micro-point	nd the needle end,		bodied needle
G	straight			MP	precision point	easured along	SS	extra heavy
P	progressive curved			m	micro needle	ne length of the eedle in mm.		bodied needle
J	hook			mV	micro vascular		V	break-off needle
SK	ski needle			В	protection point		b	black needle
Exar	nple:							
	Н		R		С	26		

HRC 26 \rightarrow 1/2 circle round bodied needle with short cutting point, 26 mm long.

Needle angle of curvature "Take off" removable needle S 1/8 circle In order to remove the needle from the suture V 1/4 circle without the aid of scissors, one must pull the D 3/8 circle suture taut and secure and grasp the needle in the needleholder. A straight tug of the needle-H 1/2 circle F 5/8 circle holder will then release the needle from the suture. **Others** Hook **⊐** G Straight Progressive **¬** SK Ski

BIOSURGICALS



Si	ze					Content/box	Code
1	Х	1	Х	1	cm	10 tampons	2070014
1	Х	1	Х	1	cm	50 tampons	2070103
1	Х	1.5	Х	1.5	cm	50 tampons	2070154
8	Х	2	Х	1	cm	10 tampons	2070707
8	Х	5	Х	1	cm	10 tampons	2070600

Gelita

- Moldable and compressible (1)
- High absorption capacity: water uptake ≥ 35 fold its own weight (2)
- Absorbed within 4-6 weeks (3, 4)
- Not tissue-irritating (5)
- Can be used as carrier for thrombin (6, 7)



Format	Content/box	Code
Plate	24 pieces	1029754

Bone Wax

- Mechanical haemostasis in bones (8-10)
- Haemostasis achieved by tamponade effect (8-10)
- Achieves mechanical occlusion of intraosseous vessels (8-10)
- Soft, easy to shape and apply "only hand-warm" (11-13)



Size		Content/box	Code
3 x 5	cm	12 pieces	1069128
5 x 8	cm	6 pieces	1069152
5 x 8	cm	12 pieces	1069020
10 x 12	cm	4 pieces	1069209
5 x 30	cm	4 pieces	1069306
10 x 12	cm	8 pieces	1069039

Lyostypt®

- Local hemostatic agent for minor bleeding
- Absorbable collagen fleece
- Absorbable within 3-4 weeks



Cellistypt®

- Bacteriostatic properties (11, 14, 15)
- Absorbed in 1-2 weeks (16)
- Easy to use (16)
- Biocompatible (17)

Cellistypt®

Size	Content/box	Code
5 x 1.25 cm	15 pieces	2080501
5 x 7 cm	15 pieces	2080508
7 x 10 cm	15 pieces	2080511
5 x 35 cm	10 pieces	2080536
10 x 20 cm	10 pieces	2080541
1.5 x 1.5 cm	40 pieces	2080515

Cellistypt® D-K

Size	Content/box	Code
2.5 x 2.5 cm	15 pieces	2081203
2.5 x 9 cm	15 pieces	2081209
5 x 7.5 cm	10 pieces	2081275
7 x 10 cm	10 pieces	2081210
14 x 20 cm	10 pieces	2081240

Cellistypt® F

**		
Size	Content/box	Code
2.5 x 5 cm	10 pieces	2082025
5 x 7.5 cm	10 pieces	2082075
5 x 10 cm	10 pieces	2082005
10 x 10 cm	10 pieces	2082010
10 x 20 cm	10 pieces	2082020

CLOSURE TECHNOLOGIES SOLUTIONS

By 1906, more than a hundred methods for sterilizing catgut existed. The breakthrough came in 1908, when a pioneering company created a technique able to assure the supply of consistently sterile sutures to hospitals and other medical facilities. This company was B. Braun!

Since then, B. Braun is committed to innovation and excellence in product-driven research, development and production. Furthermore, in Closure Technologies (CT) we remain loyal to our roots by working closely together with healthcare professionals, making them part of our principal commitment. In CT we are *Closer to You*.

COMPLETE PRODUCT RANGE

B. Braun offers a complete range of absorbable sutures, non-absorbable sutures, customized surgical procedures sutures sets (Pro-Set) and special suture sets, as well as a full range of meshes, biosurgicals and other products for wound closure.

HIGH QUALITY

B. Braun has achieved its leading position in the field of surgery thanks to its high quality products. All B. Braun manufacturing plants have a certified quality management system for assuring the quality of raw materials, semi-finished and finished products, and guarantees the traceability of each product manufactured.

INNOVATIVE

It is our belief that only innovative products, which increase the customer benefit, can ensure a long term success on the market. Our innovative products, developed by our own R&D department, are also the result of the shared knowledge between competent employees as well as clinical experts and users, true to our motto: Sharing Expertise.

AESCULAP ACADEMY

The Aesculap Academy is one of the leading medical forums for everyone who is professionally, passionately and ambitiously committed to people's health. To those medical professionals we offer top quality knowledge transfer based on globally recognized quality criteria using innovative methods and technologies.







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- (16) See Cellistypt IFU.
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NOTES



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