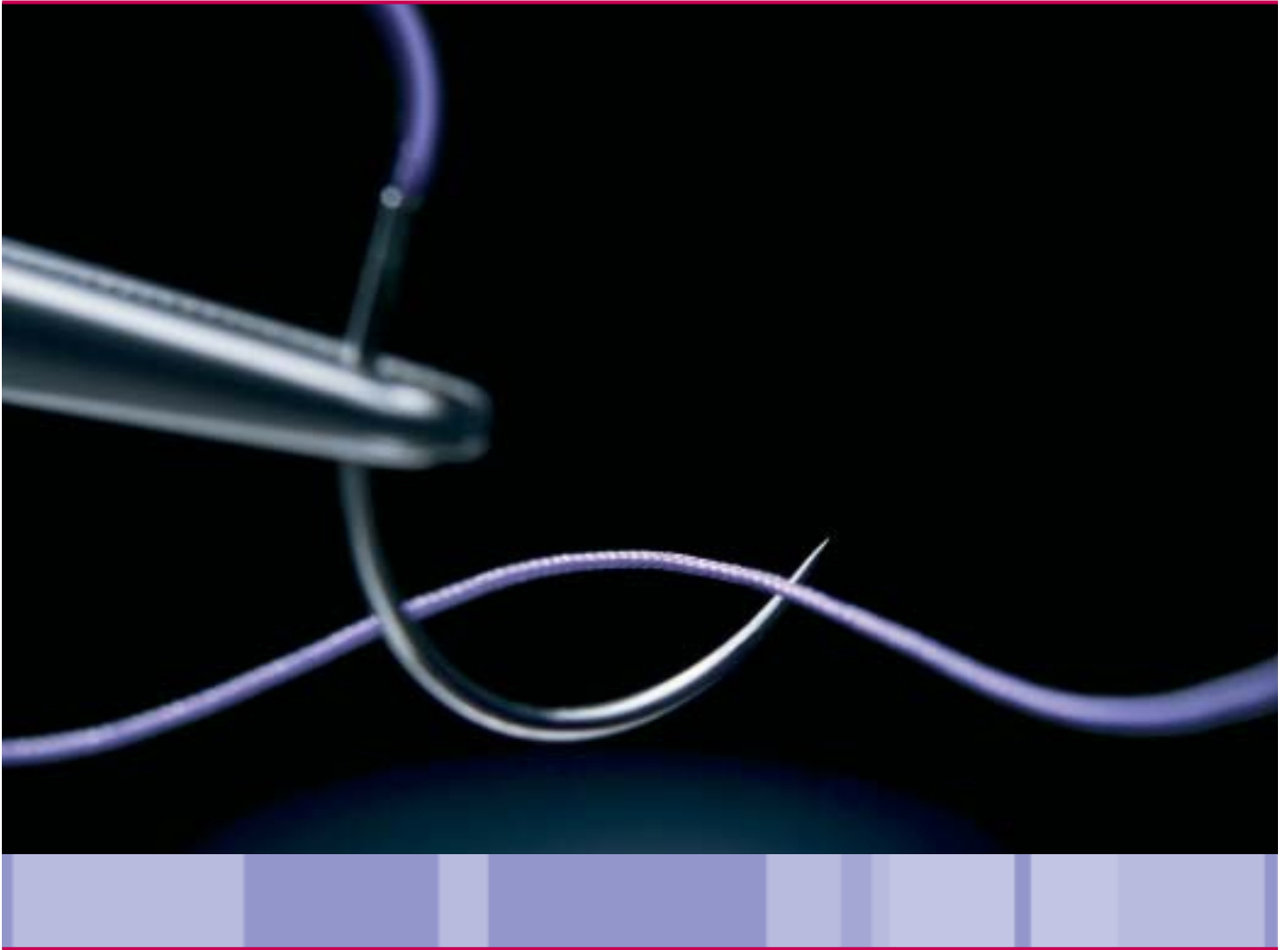


B. Braun Sutures

Safil®

Strong, Safe and Soft



Braided and coated synthetic mid-term absorbable suture material made of polyglycolic acid.

Strong, Safe and Soft

The new Safil® generation.

What you most treasure is safe with Safil®

Safe.

A series of features that guarantees knot hold

Genuine glyconate coating for best knot tying properties:

- First throw holding capability
- Easy knot-repositioning
- Excellent knot security

Safil® is a medium-term absorbable suture with degradation profile:

50% initial tensile strength	18 days
40% initial tensile strength	21 days
0% initial tensile strength	28-35 days

Therefore, Safil® is ideally indicated for soft tissue closure, assuring wound support during the healing period.

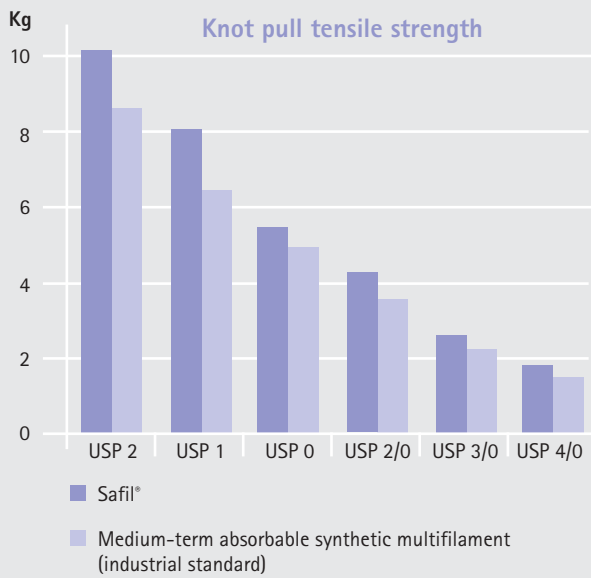
Safil® is featured with high performing needles from our [Easyslide](#) range:

- Special steel alloy confers superior bending strength resistance
- Engineered surface treatment that improves needle penetration



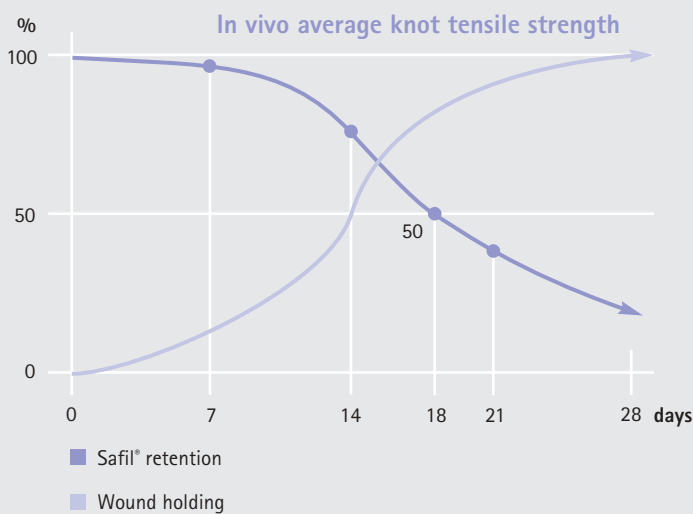
Strong.

As resistant as ever



Safil® presents tensile strength values above the market standards. This is thanks to:

- Safil®'s pure polyglycolic acid composition
- Optimized braiding structure, which assure non-breaking resistance during and after suturing

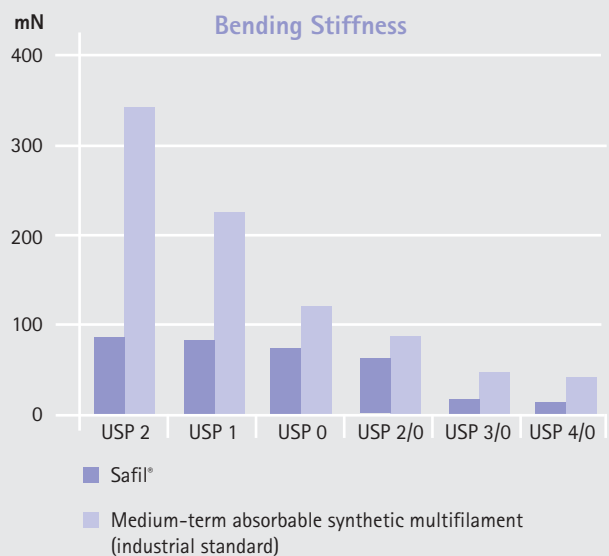


Strong, Safe and Soft

Soft.

Gentle with tissue and comforting to touch

- Smooth surface eases suturing and avoids sawing effect to the tissue
- Safil®'s softness and pliability provide comfortable handling



Safil® is mainly indicated for:

- Gynaecology and obstetrics: uterus or vagina
- Traumatology and orthopaedics: muscle, joint capsule
- Connective tissue suturing in general
- Urology in general surgery: urinary bladder or ureter
- Gastro intestinal tract procedures in general surgery
- Skin closure: subcutaneous or intracutaneous suturing
- Abdominal wall closure: peritoneum and fascia













Product features:	
Structure	Multifilament, braided
Chemical composition	100% polyglycolic acid
Coating	Glyconate
Color	Violet or undyed
Sizes	USP 2 - 8/0 braided USP 9/0 - 10/0 monofilament
Knot tensile strength retention	14 days post implantation 60-70% 18 days post implantation 50% 21 days post implantation 40%
Mass absorption	Degradation by hydrolysis within 60 - 90 days
Indications	General surgery, Gastroenterology, Urology, Gynaecology, Ophthalmic, Plastic and Paediatric surgery
Sterilisation	Ethylene oxide














Needle-thread combination **Easyslide**












angle	Needle		Thread length cm colour	USP metric							
	length mm	diameter microns		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	3/0 2
3/8 circle micro-needle taper point											
135°	DRm 6 	140µ	20 violet			G1048145					
1/2 circle micro-lancet needle											
160°	2xHLM 6 	150µ	30 violet			G1048715					
3/8 circle micro-lancet needle											
140°	DLm 6 	150µ	8 15 violet	G1048610*	G1048611*	G1048615					
140°	2xDLm 6 	150µ	30 violet			G1048702					
137°	DLm 6s 	200µ	30 violet			G1048620					
137°	2xDLm 6s 	200µ	30 45 violet			G1048710	G1048711				
1/2 circle lancet needle with micro-point											
170°	2xHLM 8 	330µ	45 violet					G1048966			
1/4 circle lancet needle with micro-point											
90°	2xVLM 8 	330µ	45 violet					G1048734	G1048735		

* Monofilament













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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									
 HR 10	70 violet	C1048002	C1048003						
 HR 13	45 70 violet	C1048449 C1048006	C1048450 C1048007	C1048451 C1048008					
 HR 17	70 violet	C1048011	C1048012	C1048013	C1048014	C1048015			
 HR 17 "Take off"	4x45 4x70 violet			C1078713 C1078613	C1078714 C1078614				
 2xHR 17	70 violet				C1048904				
 HR 17s	70 violet			C1048113	C1048114				
 HR 22	70 violet			C1048029	C1048030	C1048031	C1048032		
 HR 22 "Take off"	4x45 4x70 violet			C1078729 C1078629	C1078730 C1078630	C1078731 B1078631			
 HR 22s	70 violet					C1048036	C1048037	C1048038	
 HR 26	70 90 violet			C1048040 C1048540	C1048041 C1048541	C1048042 C1048542	C1048043 C1048543	C1048044 C1048544	
 HR 26 "Take off"	4x45 4x70 violet			C1078740 C1078640	C1078741 C1078641	C1078742 B1078642			











Needle-thread combination **Easyslide**

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 6	
1/2 circle round bodied needle										
 2xHR 26	90 violet			C1048901	C1048902					
 HR 26s	70 90 violet			C1048089 C1048589	C1048090C 1048590	C1048091 C1048591	C1048092 C1048592	C1048093 C1048613		
 HR 26s "Take off"	4x45 4x70 violet				C1078790	B1078791 B1078691	B1078792 B1078692	B1078793 B1078693		
 HR 26ss	70 violet						C1048100			
 HR 30	70 violet			C1048046	C1048047	C1048048	C1048049	C1048045		
 HR 30s	70 violet						C1048549			
 HR 37	70 90 violet			C1048050 C1048550	C1048051 C1048551	C1048052 C1048552	C1048053 C1048553			
 HR 37 "Take off"	4x45 violet			C1078769	C1078770					
 HR 37s	70 90 violet			C1048094 C1048955	C1048095 C1048595	C1048096 C1048956	C1048097 C1048597	C1048098 C1048598		
 HR 37s "Take off"	4x45 4x70 violet			C1078794	C1078795	B1078796 B1078696	B1078797 B1078697	B1078798 B1078698		
 HR 37ss	70 90 violet					C1048122 C1048576	C1048577			

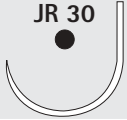
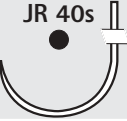






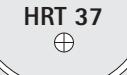
polyglycolic acid
mid-term absorbable
coated
braided

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 6	
1/2 circle round bodied needle										
 HR 40s	70 90 violet					C1048055 C1048467	C1048056 C1048556	C1048057 C1048557	C1048058 C1048558	
 HR 40s "Take off"	4x45 4x70 violet						B1078766	B1078767 B1078667	B1078768 B1078668	
 HR 40s Loop	150 violet							B1048350		
 HR 43	70 90 violet						C1048946	C1048947 C1048847	C1048948 C1048848	
 HR 43 "Take off"	4x45 violet							B1078781	B1078782	
 HR 48	70 90 violet				C1048099	C1048060 C1048560	C1048061 C1048561	C1048062 C1048562	C1048063 C1048563	
 HR 48 "Take off"	4x45 4x70 violet						B1078786	B1078787	B1078788 B1078688	
 HR 60	70 violet							C1048066	C1048068	
 HR 60 Loop	150 violet							B1048380		
 HR 65	90 violet								C1048640	
 HR 65 Loop	240 violet								B1048930	
 HR 76	70 violet					C1048074	C1048075	C1048076	C1048077	



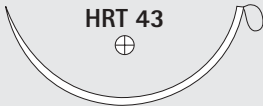


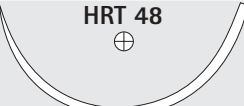
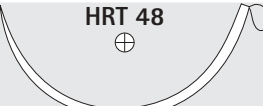




Needle-thread combination **Easyslide**

Needle length mm	Thread length cm colour	USP metric								
		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 round bodied needle										
 DR 10	45 violet	C1048101			C1048103					
 DR 12	45 70 violet			C1048134 C1048434	C1048134 C1048435					
 DR 18	70 violet				C1048150	C1048151				
 DR 22	70 violet				C1048159	C1048160				
 DR 26	70 violet					C1048164	C1048165			
 DR 32	70 violet					C1048170	C1048171	C1048172	C1048173	
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 6	
5/8 circle round bodied needle										
 FR 26	70 90 violet				C1048415 C1048775	C1048416	C1048417			
 2xFR 26	70 90 violet		C1048813		C1048815 C1048820	C1048817 C1048828				
 FR 36	70 violet				C1048425	C1048426	C1048427			
 FR 40	70 90 violet					C1048490 C1048866	C1048491 C1048867			

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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 6	
Hook needle with taper point										
	70 violet					C1048475				
	70 violet							C1048478		
Hook needle with short cutting tip										
	70 violet							C1048476		
1/2 circle round bodied needle with trocar point										
	70 violet	C1048312	C1048313	C1048314	C1048315	C1048316				
	70 violet		C1048329	C1048330	C1048331	C1048332	C1048333			
	70 violet			C1048341	C1048342	C1048343				
	70 violet							C1048444		
	70 undyed							C0049444		
	70 violet			C1048373	C1048372	C1048371				
	70 violet				C1048650	C1048392 C1048651	C1048393 C1048652	C1048391 C1048653	C1048654	
	90 undyed					C0049662		C0049664	C0049665	

Needle-thread combination **Easyslide**








Needle length mm	Thread length cm colour	USP metric						1 4	2 5	3 6
		5/0 1	4/0 1.5	3/0 2	2/0 3	0 3.5				
1/2 circle round bodied needle with trocar point										
 HRT 37s	70 90 violet				C1048395 C1048532	C1048396 C1048533	C1048397 C1048534	C1048535		
 HRT 43	90 violet				C1048997		C1048472			
 HRT 43 Loop	150 violet					C1048346	B1048347			
 HRT 43s	90 violet							C1048473		
 HRT 43s Loop	150 violet					B1048356	B1048357			
 HRT 48	70 90 violet					C1048501	C1048402 C1048502	C1048503		
 HRT 48 Loop	150 violet						B1048370			
3/8 circle round bodied needle with trocar point										
 DRT 18	70 violet		C1048320	C1048321						
 DRT 22	70 violet			C1048377						
 DRT 26	70 violet				C1048383					
 DRT 32	70 violet				C1048386	C1048387	C1048309			

polyglycolic acid








mid-term absorbable

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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 6
1/2 circle round bodied blunt pointed needle									
 HRN 50	90 violet							C1048664	
1/2 circle reverse cutting needle									
 HS 15	45 70 violet	C1048203	C1048204 C1048250						
 HS 21	45 violet		C1048225	C1048226					
 HS 23	45 70 violet			C1048230 C1048430	C1048431				
	70 undyed			C0049430	C0049431	C0049432	C0049433		
 HS 26	70 violet			C1048241	C1048242	C1048243			
	70 undyed			C0049440	C0049441				
 HS 26s	70 violet				C1048290	C1048291			
 HS 30	70 violet				C1048251	C1048252	C1048253		
	70 undyed				C0049450	C0049451			








Needle-thread combination **Easyslide**

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 6
1/2 circle reverse cutting needle									
 HS 37	90 violet			C1048494	C1048495	C1048496	C1048497	C1048498	
	90 undyed				C0049294	C0049295	C0049296	C0049297	
 HS 37s	70				C1048294	C1048296	C1048297	C1048298	
	90 violet				C1048596	C1048582	C1048583	C1048599	
 HS 37ss	70 violet				C1048085	C1048086	C1048087		
 HS 40	90 violet				C1048485	C1048486	C1048487	C1048488	
 HS 40s	70				C1048267	C1048268	C1048269		
	90 violet				C1048585	C1048586	C1048587	C1048588	
 HS 48	70 violet					C1048261	C1048262		
	90 undyed					C1048461	C1048462	C1048463	
									C0049362 C0049363 C0049364
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 violet	C1048202							

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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 12 	45	C1048206	C1048207	C1048208					
	70 violet		C1048507						
	45		C0049207	C0049208					
	70 undyed	C0049330	C0049331						
DS 16 	45		C1048212	C1048213	C1048214				
	70 violet			C1048513	C1048514				
	45			C0049213					
	undyed								
DS 19 	45		C1048219	C1048220	C1048221				
	70 violet		C1048419	C1048420	C1048421	C1048422			
	45		C0049219	C0049220	C0049221				
	70 undyed		C0049419	C0049420	C0049421				
DS 24 	70			C1048234	C1048235	C1048236	C1048237		
	violet								
	70			C0049234	C0049235	C0049236			
	undyed								
DS 30 	70				C1048246	C1048247	C1048248	C1048249	
	violet								
	70				C0049246	C0049247	C0049248		
	undyed								
DS 35 	70							C1048258	
violet									
DS 48 	70								C0049282
undyed									

Needle-thread combination **Easyslide**

Needle length mm	Thread length cm colour	USP metric								
		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 micro-point										
2xDSMP 7 	45 undyed	C0049708	C0049709							
DSMP 11 	45 undyed		C0049607	C0049608						
DSMP 13 	45 undyed		C0049618	C0049619	C0049620					
DSMP 16 	45 70 undyed			C0049525 C0049325	C0049524 C0049326	C0049327				
DSMP 19 	70 violet				C1048823	C1048824				
	45 70 undyed			C0049528	C0049629 C0049529	C0049630 C0049530				
DSMP 24 	70 violet					C1048864	C1048865			
	45 70 undyed					C0049656 C0049556	C0049657 C0049554			
Straight cutting needle										
GS 60 	70 violet					C1048265	C1048266			
	45 70 undyed					C0049465 C0049265	C0049267			

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Pre-cut sutures

Needle length mm	Thread length cm colour	USP metric								
		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	
Round bodied ski needle										
 SKR 26	20 violet						C1048746	C1048749		
	120 violet						C1048744	C1048751		

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 6	
Pre-cut sutures										
3 threads of 45 cm	3 x 45 violet		C1038624	C1038625	C1038626	C1038627	C1038629	C1038630		
6 threads of 45 cm	6 x 45 violet		C1038644	C1038645	C1038646	C1038647	C1038649	C1038650		
12 threads of 45 cm	12 x 45 violet		C1038664	C1038665	C1038666	C1038667	B1038669	B1038670		
2 threads of 70 cm	2 x 70 violet		C1038404	C1038405	C1038406	C1038407	C1038409	C1038410		
5 threads of 70 cm	5 x 70 violet		C1038444	C1038445	C1038446	C1038447	C1038449	C1038450		
1 thread of 140 cm	1 x 140 violet		C1038204	C1038205	C1038207	C1038208	C1038209	C1038210		
Ligature reels										
1 thread of 250 cm	1 x 250 violet		G1038714	G1038715	G1038716	G1038717	G1038719	G1038720		



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