

Optilene®

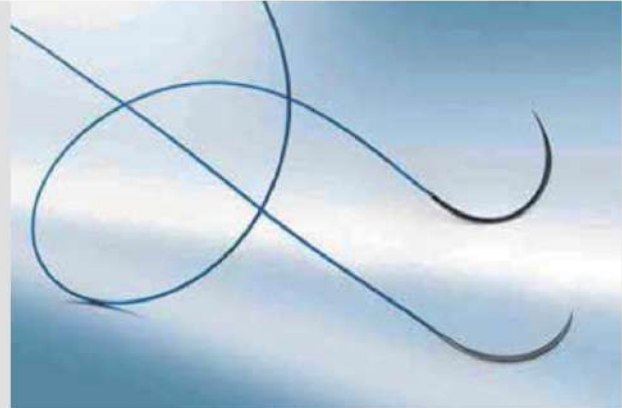
Non-absorbable sutures

DESCRIPTION

Optilene® is a sterile non-absorbable monofilament surgical suture made of polypropylene and polyethylene. Available in blue for a better visibility. Optilene® is offered with RacePack® and LongPack® packaging presentations to reduce the memory effect. Other special presentations, including PremiPatch® PTFE pledgets, are also available.

INDICATION

- Cardiovascular surgery
- Neurosurgery
- Ophthalmology
- Microsurgery
- General soft tissue approximation





















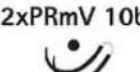











ADVANTAGES

- Top level consistent tensile strength
- Excellent surface and smoothness
- Controlled knot run down
- Small tissue drag; Re-engineered elasticity
- Controlled suture elongation Increased
- pliability
- Good handling and knot tightness
- Improved thread visibility
- Low memory effect
- CV Pass and CV Pass EasyBlack needles

Optilene®

















Product overview

Structure	Monofilament
Colour	Blue
Chemical composition	Polypropylene and polyethylene
Coating	Uncoated
Origin	Synthetic
Sizes	USP 10/0 (0.2 metric) to USP 0 (3.5 metric)
Types of degradation	Non-absorbable
Sterilisation	Ethylene oxide





















Needle		diameter microns	Thread length cm colour	USP (metric)						
length mm	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 with taper point (vascular)										
 	 140µm	2 x 45							G3095551	
		60								G3095050
		2 x 60								G3095051
		75								G3095060
 	 200µm	75							G3095139	
 		75							G3095077	
		90								G3095079
 	      	blue							G3095076	
		blue								G3095078
		60								G3095201
		90								G3095746
		2 x 60								G3095269
		75								G3095133
2 x 75								G3095234		
90								G3095132		
2 x 90								G3095224		
									G3095134	
									G3095225	
Progressive curved round bodied needle with taper point (vascular)										
 	 	60							G3095155	
		75							G3090671	
		blue								G3090670
		2 x 75							G3095154	
		blue							G3095158	
1/2 circle round bodied needle micro needle										
 	180°  200µm	30							G3090740	
		blue								G3090741
 	180°  200µm	45							G3090742	
		blue								G3090743
3/8 circle round bodied needle micro needle										
 	135° 70µm	10	G3090781							
		blue								

Needle length mm	angle	diameter microns	Thread length cm colour	USP (metric)						
				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 micro needle										
DRm 4s 	135°	140µm	15 blue			G3095547				
DRm 5 	135°	100µm	15 23 blue	G3090782 G3090024						
2xDRm 5 	135°	100µm	5 45 blue	G3090874	G3090482					
DRm 6 	135°	 140µm	12 15 45 blue			G3095307 G3090783				
2xDRm 6 	135°	 140µm	12 45 60 blue			G3095309 G3090780 G3090609				
DRm 8 	135°	 140µm	15 45 blue			G3090753 G3090025				
2xDRm 8 	135°	 140µm	45 60 75 blue			G3090983 G3090758 G3090026				
2xDRm 10b 		 200µm	45 blue					G3095149		
DRm 10b 	135°	 200µm	75 blue			G3090784	G3090785			
2xDRm 10b 	135°	 200µm	45 75 blue			G3095107	G3090610			
Progressive curved round bodied needle micro needle										
PRm 5 	100°/ 90°	100µm	13 blue		G3090662					

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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)	
3/8 circle round bodied needle with short cutting point (vas)										
		75 blue					G3095685	G3095672		
Progressive curved round bodied needle with short cutting point (vas)										
		60 75 blue					G3090647 G3090669	G3090668		
3/8 circle round bodied needle with short cutting point (mic)										
		75 45 60 blue					G3095277 G3090814 G3090702			
		45 60 75 blue					G3095216 G3095249 G3095284			
		75 blue						G3090768		
		45 60 75 blue					G3090832 G3090755 G3090694	G3090693		
Progressive curved round bodied needle with short cutting point (mic)										
		13 60 blue	G3095677	G3090664						
		60 blue					G3090698			
		75 blue					G3095765			
1/2 circle lancet micro needle										
		10 blue	G3090873							
		30 blue	G3090775							

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 length mm	angle	diameter microns	Thread length cm colour	USP (metric)						
				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 lancet micro needle										
2xDLm 5 	140°	150µm	30 blue	G3090589						
DLm 6 	140°	150µm	15 blue	G3090590						
2xDLm 6 	140°	150µm	15 30 blue	G3095548 G3090591		G3090638				
DLm 6s 	137°	200µm	15 blue	G3090593	G3090594	G3090595				
2xDLm 6s 	137°	200µm	15 30 blue	G3090596	G3090846 G3090597					
1/8 circle lancet micro needle										
SLm 6 	44°	150µm	8 blue	G3090777	G3090778					
Straight lancet micro needle										
GLm 16 		150µm	23 blue	G3095068	G3095705					
2xGLm 16 		150µm	23 blue	G3095480	G3095481					
1/4 circle lancet needle with micro-point										
2xVLM 8  			30 blue					G3090316	G3095390	
1/8 circle lancet needle with micro-point										
2xSLm 6  			30 blue						C3095129	
1/2 circle round bodied needle										
HR 6  			30 blue				C3090603	C3090604		
2xHR 6  			45 blue				C3090803			
			60 blue			G3090016				






















Needle length mm		Thread length cm colour	USP (metric)						5/0 (1)	4/0 (1.5)
			10/0 (0.2)	9/0 (0.3)	8/0 (0.4)	7/0 (0.5)	6/0 (0.7)			
1/2 circle round bodied needle										
	2xHR 8 	 60 blue						C3090865		
		 2 x 60 blue						G3095865	G3095866	
	HR 10f 	 75 blue						C3095861		
	2xHR 10f 	 2 x 75 blue						G3095858		
	HR 10 	 60 75 blue					C3090401	C3095498 C3090402	C3090403	
		2xHR 10 	 60 75 blue					C3090488 C3090867	C3090868	C3090866 C3090869
	2xHR 10 		 2 x 60 2 x 75 blue						G3095878	G3090770
		2xHR 13ff 	 75 blue						C3095341	C3095346
	HR 13f 	 75 blue							C3095349	
	2xHR 13f 	 45 75 90 blue						C3095120 C3095123	C3095124 C3095792	
		HR 13 	 2 x 75 4 x 75 blue					G3095127	G3095128 G3095126	
			 75 blue						C3095666	C3095653
	HR 13 	 75 blue						C3090499	C3090500	
		 2 x 75 blue							G3095095	
	2xHR 13 	 45 60 75 blue						C3090853 C3095935 C3090953	C3090839 C3090934 C3090954	C3090933

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)
1/2 circle round bodied needle								
	 75				C3090750	C3090045		
	 90 blue							
 	 2 x 60 2 x 75 blue	G3090625	G3090146		G3095010			
	 75 blue	C3095448	C3095449					
 	 75 90 blue		C3095501 C3095992	C3096001				
	 2 x 90 blue		G3095521					
 	 45 75 blue		C3090012	C3090013		C3090038 C3090014		
	 90 blue				C3090413			
 	 75 90 120 blue	C3090898	C3090501 C3090901	C3090503 C3090902 C3090904	C3090502 C3090903	C3090900		
	  90 blue				C3090837			
	  75 blue				C3095318			
	  90 blue				C3095327			
	 2 x 75 2 x 90 4 x 90 blue			G3090642 G3095868	G3090194	G3095183 G3090644		
	 	 75 90 120 blue		C3095460 C3095492	C3095461 C3095493	C3095494 C3095994		
 	 90 blue		C3095660	C3095643				




















 RacePack® packaging

 LongPack packaging






















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)
1/2 circle round bodied needle								
 	 90 blue		C3090223	C3090338	C3090426			
 	 75 90 blue			C3095503 C3095526				
 	 60 75 blue			C3090029	C3095720 C3090030			
 	  20 blue				C3090994			
		  20 blue				C3095412		
 	 60 75 90 120 blue		C3090084	C3090863 C3090976 C3090876	C3090860 C3090977	C3090086 C3090978 C3095276		
 	  90 blue			C3090979				
		  40 blue				C3095387		
 	  90 blue			C3095336				
		 2 x 75 2 x 90 blue			G3095620	G3095616		
 	 75 90 blue			C3095512	C3095508 C3095513			
 	 90 blue			C3095541				

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)
1/2 circle round bodied needle								
	 90 blue			C3095611				
	 90 blue			C3095606	C3095596			
	75		C3090039	C3090040	C3090041	C3090042	C3090043	
	90		C3090037	C3090140				
	120 blue					C3090444	C3095712	
	  20 blue					C3090995		
	  20 blue					C3095417		
	75		C3090906	C3090707	C3090708	C3090087		
	90		C3090905	C3090907	C3090908	C3090909		
	120 blue			C3095709	C3090709	C3095710		
	  90 blue			C3090910	C3090838			
	  90 blue			C3095347	C3095392			
	2 x 90			G3090633	G3090631	G3090109		
	 75 90 blue			C3095721 C3095557	C3095558	C3095723		
	 2 x 90 blue			G3095993				
	 90 120 blue			C3095647	C3095635			

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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)
1/2 circle round bodied needle								
 HR 26s		90 blue			C3095688			
			75 blue				C3090015	C3095442
		120 blue				C3090959	C3090956	
		75 blue					C3090032	C3095444
		45 blue					C3090069	
			75 blue			C3090046		
		75 90 120 blue					C3090047 C3095927 C3090144	C3090048 C3090477
								
		90 120 blue				C3090001 C3090462	C3090002	
		75 100 blue						C3090092 C3090096
		75 blue						C3090094

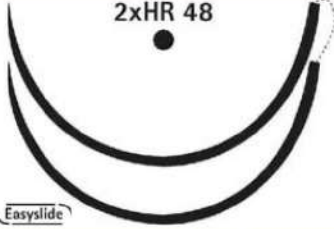

C Box of 36 units	B Box of 24 units	G Box of 12 units	M Box of 6 units
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Needle length mm	Thread length cm colour	USP (metric)						
		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)	1 (4)
1/2 circle round bodied needle								
 HR 37 	 75 90 blue				C3090050 C3095797	C3090051 C3095791	C3090052 C3095789	
	 90 120 blue				C3090942 C3090981	C3090943 C3090973	C3095054	
	 2 x 90 blue				G3095727			
								
	 75 120 blue				C3090150	C3090151 C3090154	C3090152	
								
	 90 120 blue				C3090982 C3090971	C3090972		
								
	 75 100 blue						C3090021 C3090099	
								
 HR 40ss 	 100 blue					C3090033	C3090199 C3090317	
								C3090106
	 75 blue						C3095445	

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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)























1/2 circle round bodied needle

 <p>2xHR 48</p> <p><small>Easyslide</small></p>		120							
		blue					G3090932		





















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)

3/8 circle round bodied needle

 <p>DR 6</p> <p><small>CV Pass</small></p>		45	C3090110					
		blue						
 <p>2xDR 6</p> <p><small>CV Pass</small></p>		45	C3090880					
		60	C3090712	C3095015	C3095110			
		75	C3090980	C3095286				
		blue						
 <p>2xDR 6b</p> <p><small>CV Pass</small></p>		2 x 45	G3095841					
		2 x 60	G3090357					
 <p>2xDR 6</p> <p><small>Easyslide</small></p>		45	C3095857					
		60	C3095835					
 <p>2xDR 6</p> <p><small>Easyslide</small></p>		75	C3095834					
		blue						
 <p>2xDR 8f</p> <p><small>CV Pass</small></p>		60	C3095669					
		45	C3090107	C3090079				
		60	C3090105	C3090088				
		blue						
 <p>2xDR 8fb</p> <p><small>CV Pass</small></p>		2 x 45	G3090118	G3090124				
		2 x 60	G3090121	G3090127				
		2 x 75		G3090130				
		blue						
 <p>2xDR 8fb</p> <p><small>CV Pass</small></p>		45	C3095824	C3095826				
		60	C3095829	C3095832				
		blue						

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)	
3/8 circle round bodied needle									
2xDR 8  		12		C3095870					
		45	C3090703	C3090685	C3090686	C3090684			
		60	C3090887	C3090888	C3090889				
		75	C3090004	C3090885	C3090886				
		blue							
		2 x 45	G3090361	G3090362	G3090399				
		2 x 60	G3090363	G3090364					
		75		G3090089					
		2 x 75	G3090892	G3095080					
		blue							
2xDR 8b  		45	C3095805						
		60	C3095817	C3095819	C3095821				
		75	C3095822	C3095823	C3090599				
		blue							
DR 10f  		75		C3095084	C3095431				
		blue							
2xDR 10f  		45	C3090126	C3090134	C3095565				
		60	C3090128	C3090135	C3095477				
		75	C3090131	C3090136	C3095430				
		90			C3095576				
		75			C3095433				
		blue							
		75			C3095308				
		blue							
		2 x 45		G3090218					
		2 x 60		G3095485	G3095801				
2 x 75		G3090216	G3095429						
blue									
2xDR 10fb  		60		C3095764					
		75		C3095838					
		blue							
DR 10  		75		C3090541	C3090542				
		blue							

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



























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)
3/8 circle round bodied needle								
 	 	45		C3090614	C3090615			
		60		C3090714	C3090715	C3090522		
		75		C3090914	C3090915	C3090913		
		90		C3090799	C3090815			
		blue						
	75				C3095306			
	2 x 45				G3090636			
	4 x 45		G3090369					
	2 x 60		G3090611	G3090613				
	4 x 60		G3090371					
2 x 75		G3095810	G3095811					
4 x 75		G3090373						
blue								
 		45		C3090164				
		60		C3090062	C3095816			
		75		C3095812	C3095843			
blue								
 		75			C3095679			
		blue						
 		75			C3095930	C3095931	C3095932	
		90				C3095022		
		blue						
 		45		C3095885	C3095886	C3095887		
		60		C3095894	C3095895	C3095896		
		75		C3095905	C3095906	C3095907	C3095908	
		90			C3095938	C3095939	C3095940	
		120					C3095658	
	blue							
	75	 				C3096173		
	blue							
	2 x 45				G3095957			
	2 x 60				G3095970			
4 x 60				G3095571				
75				G3095472				
2 x 75				G3095979	G3095980			
4 x 75		G3095582						
blue								

C Box of 36 units




























B Box of 24 units






























G Box of 12 units

















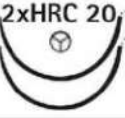


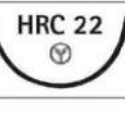












M Box of 6 units



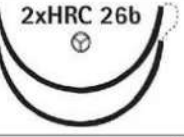

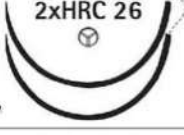

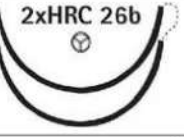

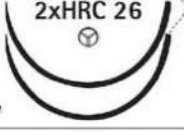



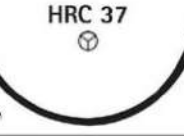



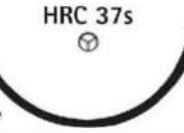

Needle length mm	Thread length cm colour	USP (metric)							
		8/0 (0.4)	7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	
3/8 circle round bodied needle									
 2xDR 13b  	60				C3095926	C3095609			
	75				C3090191	C3090547			
	90				C3095839	C3095840			
	120						C3095997		
	blue								
 2xDR 13  	75				C3095667	C3095687			
	90					C3095661			
	blue								
 2xDR 13s  	45				C3095036				
	60				C3095032	C3095033			
	75				C3095026	C3095027			
	90					C3095021			
	blue								
 2xDR 15  	2 x 60		G3095012		G3095016				
	2 x 75				G3095011				
	2 x 90					G3095009			
	blue								
 DR 18  	90				C3090716	C3090717			
	blue								
 DR 18   	20						C3090119	C3090120	C3095057
	blue						C3090990		
	60						C3095918		C3095920
	75						C3090719	C3090720	
 2xDR 18     	90						C3090919	C3090920	C3095921
	blue								
	120								C3095092
	90						C3095215		
	75						C3095312		
	90						C3095316		
blue									
 2xDR 18b  	4 x 75				G3090394				
	2 x 90					G3095659	G3090659		
	blue								
 2xDR 18b  	90				C3095242				
	120							C3095656	
	blue								

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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)	
3/8 circle round bodied needle										
			90					C3095683		
			blue							
			75					C3090085		
			90					C3090123		
			 Pledgets 3x3mm Firm	20				C3090991	C3090992	
				blue						
			 Pledgets 3x3mm Soft	20					C3095396	
			75							
				90				C3090821	C3090722	C3090723
				120					C3090822	C3090823
				75					C3090132	
			 Pledgets 3x3mm Firm	20					C3090993	
				blue						
			 Pledgets 3x3mm Soft	20					C3095398	
			75						C3090724	
				blue						C3090725
3/8 circle round bodied needle										
			75					C3090082	C3090083	
			blue							
5/8 circle round bodied needle										
			75						C3095360	
			blue							

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)
5/8 circle round bodied needle								
 FR 26 	  75 blue							C3090066
Hook round bodied needle								
 JR 30s 	 100 blue							C3090098
Ski Needle round bodied needle								
 SKR 26 	 20 30 blue				C3095421	C3090422		C3095415
Straight round bodied needle								
 GR 19 	 45 blue			C3090466				
 2xGR 19 	 30 blue				C3090776			
 2xGR 65 	 75 blue						C3095350	C3095351
1/2 circle round bodied needle with short cutting point								
 2xHRC 10	 60 75 blue			C3095495 C3095205				
	 2 x 60 blue	G3095793	G3095794					
 2xHRC 13	60		C3095042	C3095045				
	75		C3095039	C3090303	C3090145			
	90 blue		C3095020	C3091098				
	2 x 60 2 x 75 blue		G3090195 G3095313	G3095043	G3095047			
 2xHRC 17f	75			C3095996				
	90 blue			C3095599	C3096002			
 HRC 17	75 blue			C3090560	C3090561	C3090579		

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)	
1/2 circle round bodied needle with short cutting point									
		75			C3090695	C3090704	C3090711		
		90			C3090570	C3090571	C3090800	C3095052	
		120 blue						C3095668	
		90 blue				C3095368			
			90 blue				C3095367		
		90 blue				C3095367			
			90 blue				C3095367		
		2 x 90 blue			G3095168	G3095169	G3095182		
			75			C3095569	C3095570		
		90 blue			C3095580	C3095581			
			90 blue				C3095638		
		90 blue				C3095638			
			90 blue				C3095594		
		90 blue				C3095594			
			75 blue				C3090565	C3090566	C3095572
		75 blue				C3090565	C3090566	C3095572	
			75			C3095059	C3090580	C3090581	
		90 blue				C3090580	C3090581		
			2 x 90 blue				G3095162		
		75 blue					C3095574		
			90 blue				C3095592	C3095593	
		75 blue					C3095574		
			90 blue				C3090472	C3090473	C3090474
		90 blue				C3090472	C3090473 C3095787	C3090474	C3095796

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)		
1/2 circle round bodied needle with short cutting point										
		75			C3090806		C3090808			
		90				C3090811	C3090812	C3095825	C3095779	
		120				C3095771	C3090820	C3095140		
		blue								
		90				C3095377				
		blue								
						G3095759				
		2 x 75					G3095760	G3095761		
		2 x 90						G3095751		
		4 x 90								
		2 x 120					G3095820			
		blue								
		75				C3095607	C3095737	C3095738		
		90					C3095608	C3095598		
		120								
		blue								
		90					C3095637	C3095614		
		blue								
		90					C3090584	C3090585		
		blue								
		75						C3095525	C3095048	
		90							C3095413	
		100								C3095411
		blue								
		90					C3095414	C3095562	C3095407	
		120						C3095533		
		blue								
		75							C3095995	
		blue								

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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)

1/2 circle round bodied needle with short cutting point

		90							
		blue					C3090830		

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)

3/8 circle round bodied needle with short cutting point

































		45	C3095209	C3095219				
		60	C3095246	C3095251				
		75	C3095272	C3095288				
		60	C3091009					
		75	C3091010					
		45		C3095700				
		75		C3095813				
		45	C3095211	C3095231				
		60	C3095025	C3095046	C3090172			
		75	C3090169	C3090176				
		2 x 60	G3095178	G3095179				
		2 x 75	G3090168					
		60	C3091011	C3091008				
		75	C3091012	C3095768				
		blue						
		75		C3090538	C3090539			
		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)						
		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)
3/8 circle round bodied needle with short cutting point								
2xDRC 10 		45	C3090116	C3090548	C3090553	C3090930		
		60		C3090544	C3090543			
		75		C3090545	C3090546			
		90 blue						
		2 x 60		G3090179	G3090202			
		75		G3095180				
		2 x 75 blue		G3095560	G3095561			
2xDRC 10b 		60	C3095462	C3090577	C3090578			
		75 blue		C3090516				
2xDRC 10 		75		C3095697	C3095680			
		blue						
2xDRC 10s 		75		C3095324				
		blue						
DRC 13 		75			C3095144	C3095145	C3095531	
		blue						
2xDRC 13 		45		C3095244	C3095173	C3095141	C3096165	
		60		C3095268	C3095271			
		75		C3095301	C3095175			
		90		C3095303	C3095305			
		2 x 45			G3095174			
		2 x 75			G3095176	G3095177	G3095181	
		2 x 90 blue				G3095172		
2xDRC 13b 		75			C3095836	C3095315		
		90 blue				C3095311		
2xDRC 13 		75			C3095673	C3095671		
		blue						
2xDRC 13s 		75				C3095334		
		blue						
DRC 15 		75			C3095520	C3095523		
		blue						

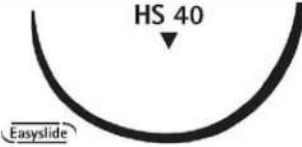

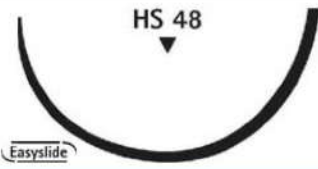





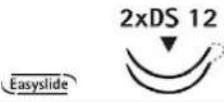

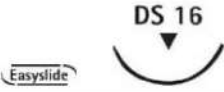



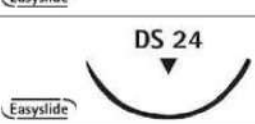

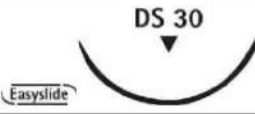



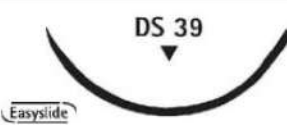

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



















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)
3/8 circle round bodied needle with short cutting point									
	2xDRC 15 	 75 90 blue			C3095559	C3095756 C3090728			
	DRC 18 	 75 blue				C3095164	C3095165	C3095166	
	DRC 18 	 30 loop blue					C3095456		
	2xDRC 18 	 75 90 blue				C3095194 C3090525	C3095195 C3090526	C3090527	
	2xDRC 18 	 2 x 90 blue					G3095222		
	2xDRC 18b 	 90 blue				C3095438	C3095439		
	2xDRC 22 	 90 120 blue					C3090535 C3095564	C3090536	
	DRC 26 	 75 120 blue						C3095645	C3095646
	2xDRC 26 	 75 90 120 blue					C3095631 C3095630 C3095629	C3095634 C3095633 C3095632	C3095636 C3095612
Needle		Thread	USP (metric)						
length mm	length cm colour		7/0 (0.5)	6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
Hook round bodied needle with short cutting point									
	JRC 30s 	 100 blue							C3090963

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 length cm colour	USP (metric)					
length mm	7/0 (0.5)		6/0 (0.7)	5/0 (1)	4/0 (1.5)	3/0 (2)	2/0 (3)	0 (3.5)
Progressive curved round bodied needle with short cutting point								
		2 x 75 blue	G3095053					
		75 blue		C3095096				
		75 90 blue		C3095097 C3095100	C3095101 C3095103			
		75 blue		C3095701				
		120 blue					C3095150	
1/2 circle reverse cutting needle								
		75 blue				C3090259		
		45 blue			C3090264			
		45 75 blue				C3095775 C3090460	C3090261 C3090461	
		75 90 120 blue					C3090269	C3090270 C3095958 C3095959
		75 blue					C3090274	C3090275
		75 blue						C3090279
								C3090280

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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)	
1/2 circle reverse cutting needle									
 HS 40 Easyslide		75 100 blue						C3090273	C3090281 C3095912
 HS 48 Easyslide		75 blue							C3095329
3/8 circle reverse cutting needle									
 DS 9 Easyslide		45 blue		C3090204					
 DS 12 Easyslide		45 75 blue		C3090206 C3095543	C3090207	C3090208	C3090205		
 2xDS 12 Easyslide		60 blue		C3090829					
 DS 16 Easyslide		45 75 blue		C3090211	C3090212 C3090512	C3090213 C3090513	C3090214 C3090514		
 DS 19 Easyslide		30 45 75 blue		C3095400	C3090219 C3090519	C3090420 C3090220 C3090520	C3090421 C3090221 C3090521	C3090222 C3095522	
 DS 24 Easyslide		45 75 blue			C3090233	C3090434 C3090234	C3090435 C3090235	C3090436 C3090236	C3090237
 DS 30 Easyslide		45 75 blue				C3090445 C3090245	C3090446 C3090246	C3090447 C3090247	C3090248
 DS 35 Easyslide		75 blue					C3090230		
 DS 39 Easyslide		75 90 100 blue					C3090254 C3090020	C3090255 C3090249	C3090256

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)
3/8 circle reverse cutting needle								
 2xDS 60 	 75 blue							B3090751
Straight reverse cutting needle								
 GS 13 	 45 blue				C3095385			
 GS 51 	 75 blue					C3090284	C3090285	
 GS 60 	 75 blue					C3090265	C3090266	C3090267
 2xGS 60 	 75 blue					C3090881	C3090882	
1/2 circle reverse cutting needle with precision point								
 HSMP 12 	 45 75 blue			C3090027	C3095717 C3095718	C3095706 C3095708		
 HSMP 15 	 45 blue				C3090511			

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Needle		Thread length cm colour	USP (metric)					
length mm	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 blue	C3090612	C3095613				
	DSMP 9 	 45 blue		C3090641				
	DSMP 11 	 45 75 blue	C3090606 C3090406	C3090607 C3090407	C3090608			
	DSMP 13 	 45 75 blue	C3090617	C3090618	C3090619 C3090409	C3090620 C3090410	C3090077	
	DSMP 16 	 45 75 blue		C3090628 C3090428	C3090629 C3090429	C3090630 C3090427	C3090481	
	DSMP 19 	 45 75 blue			C3090675 C3090672	C3090676 C3090673	C3090677 C3090674	C3090678
	DSMP 24 	 45 75 blue			C3095654	C3090655 C3090680	C3090656 C3090681	C3090657 C3090682
	DSMP 30 	 45 75 blue					C3090690	C3090691 C3090692
	DSMP 39 	 75 blue					C3095960	

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