

PremiCron[®]

The polyester suture generation designed for Cardiovascular Surgery
Non-absorbable, braided and coated suture made of polyester



Sutures

PremiCron®

The polyester suture generation designed for Cardiovascular Surgery



Passion for Cardiovascular Surgery

An increasingly ageing population combined with more complex and diffuse cardiac disease means there are more challenging cardiac cases in daily practice. For that reason B. Braun is committed to providing you with our high standards of quality and innovative surgical products sharing with you the same Passion for Cardiovascular Surgery.

Designed for the most demanding surgical indications

PremiCron® is a non-absorbable braided suture made of polyester and uniformly silicone coated with all required features for heart valve and annuloplastic ring implantation.

Main indications:

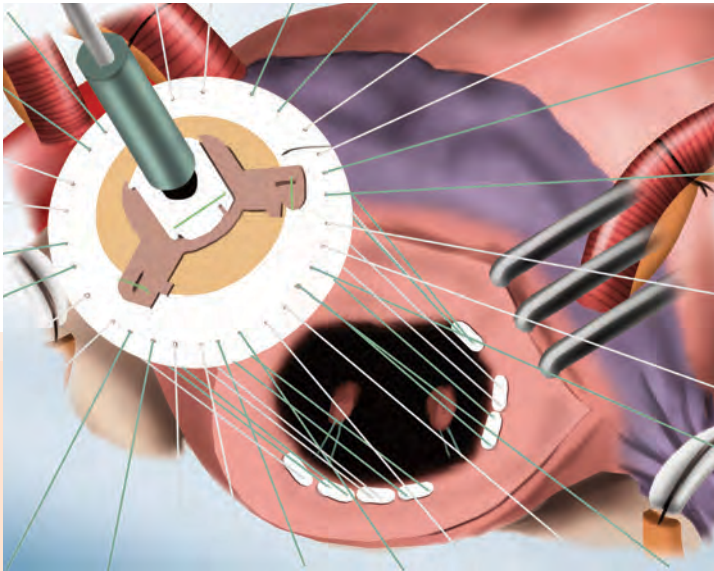
- Cardiovascular surgery
 - Heart valve replacement
 - Annuloplastic ring implantation

Also indicated in:

- General surgery



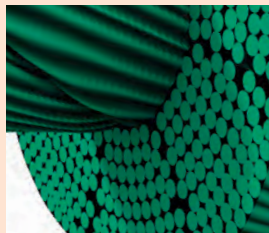
A braided thread structure designed for high resistance and reliable knotting



For high resistance and reliable knotting

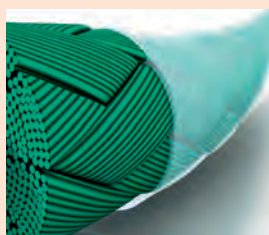
PremiCron®'s braided thread structure is designed with a central core covered by several small compact braids of polyester filaments for **high resistance and reliable knotting, with an excellent handling.**

PremiCron® sutures are coated with silicone to decrease surface friction for an easy knot run down and atraumatic suturing of the cardiac tissue.



Central braided core

Central core covered by several small compact braids coated with silicone for atraumatic knotting.



Silicone coating

To provide a smooth surface for easy knot run down and atraumatic suturing.



PremiCron®

PremiPatch® OVAL Pledgets



Superior anatomical adaptability and conformity with less foreign material

- Superior conformity to valve contour tissue
- Avoidance of overlapping effect
- Less foreign material



Oval pledget design for cardiac valve surgery

The selected geometry offers **high anatomical adaptability and conformity.**

Reduce overlapping effect

Bio-prosthetic and mechanical valve suture with pledgets are placed **with little to no space** between the sequential horizontal mattress sutures. For that reason **oval pledgets**, without corners, **reduce the overlapping problem** and in consequence the over inflammatory response as a defense reaction to foreign material.



Firm and soft pledgets



Firm and soft PTFE pledgets:

Firm

- Compact PTFE pledget for valve and ring replacement

Soft

- Soft pledgets are also made of 100 % PTFE and laser cut with **increased porosity**
- Higher flexibility than firm pledgets with similar resistance

Advantages

- Superior conformity to the tissue



Firm: Compact PTFE pledget.



Soft: Superior flexibility with secure resistance properties for superior conformity to valve tissue.

Pledgets	Firm	Soft		
Material	100 % PTFE	100 % PTFE		
Thickness	1.5 mm +/- 0.2 mm	1.5 mm +/- 0.2 mm		
Flexibility	1500 – 1600 mN	400 – 500 mN		
Bridge rupture	8.06 kg	7.52 kg		
Design	 Pledgets 3 x 3 mm	 Pledgets 6 x 3 mm	 Pledgets 3 x 3 mm	 Pledgets 6 x 3 mm
	 Pledgets 9 x 5 mm	 Pledgets 9 x 5 mm	 Pledgets 16 x 7 mm	



PremiCron®

CV Pass, Cardiovascular needle design



Precise penetration

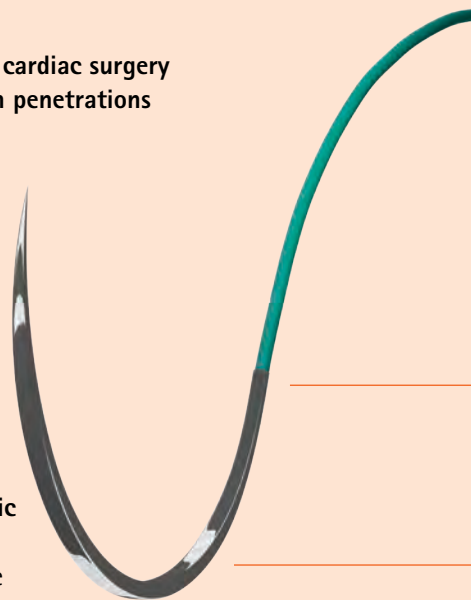
Exclusive 300 stainless steel series laser drilled silicone coated needles which have specific tip and body design for Cardiovascular Surgery indication.

■ Specific tip design for cardiac surgery for precise and smooth penetrations

- Taper Point
- Short Cutting Tip

■ Smooth and atraumatic penetrations

Silicone coating to ease penetrations



Non-reflective cardiovascular black needles: CV Pass Easyblack

Black needles avoid glare effect for higher precision and superior visual comfort during your procedure.

Black needles are identified by a 'b'.



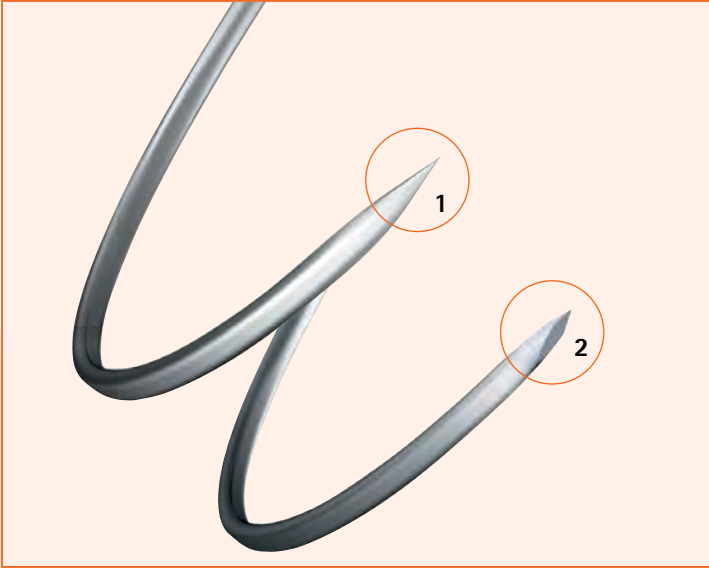
■ Excellent needle to thread ratio

■ Semi square body design

for a better stability in the needle holder



Specific cardiac valve needle design

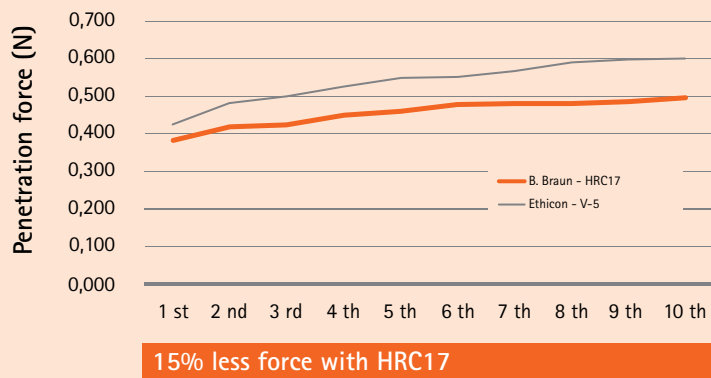


Specific cardiovascular needle tip design for a precise and smooth penetration.

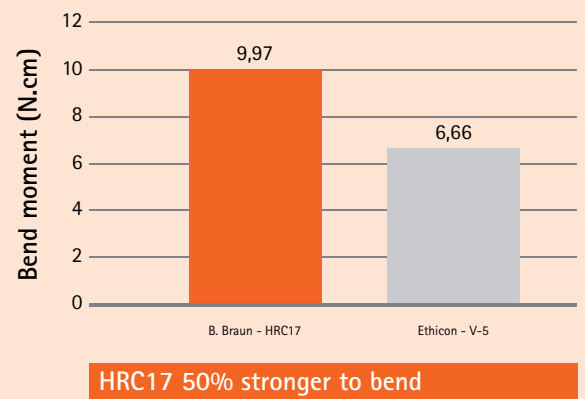
- 1 Taper point**
Eases penetration with lowest traumaticity.
- 2 Short cutting point**
Improves penetration through calcified tissues with less force.

Needle penetration and bending strength comparison between B. Braun HRC17 and Ethicon V-5 needle for USP 2/0

Penetration capacity after repeated stitches¹



Needle strength – yield moment²



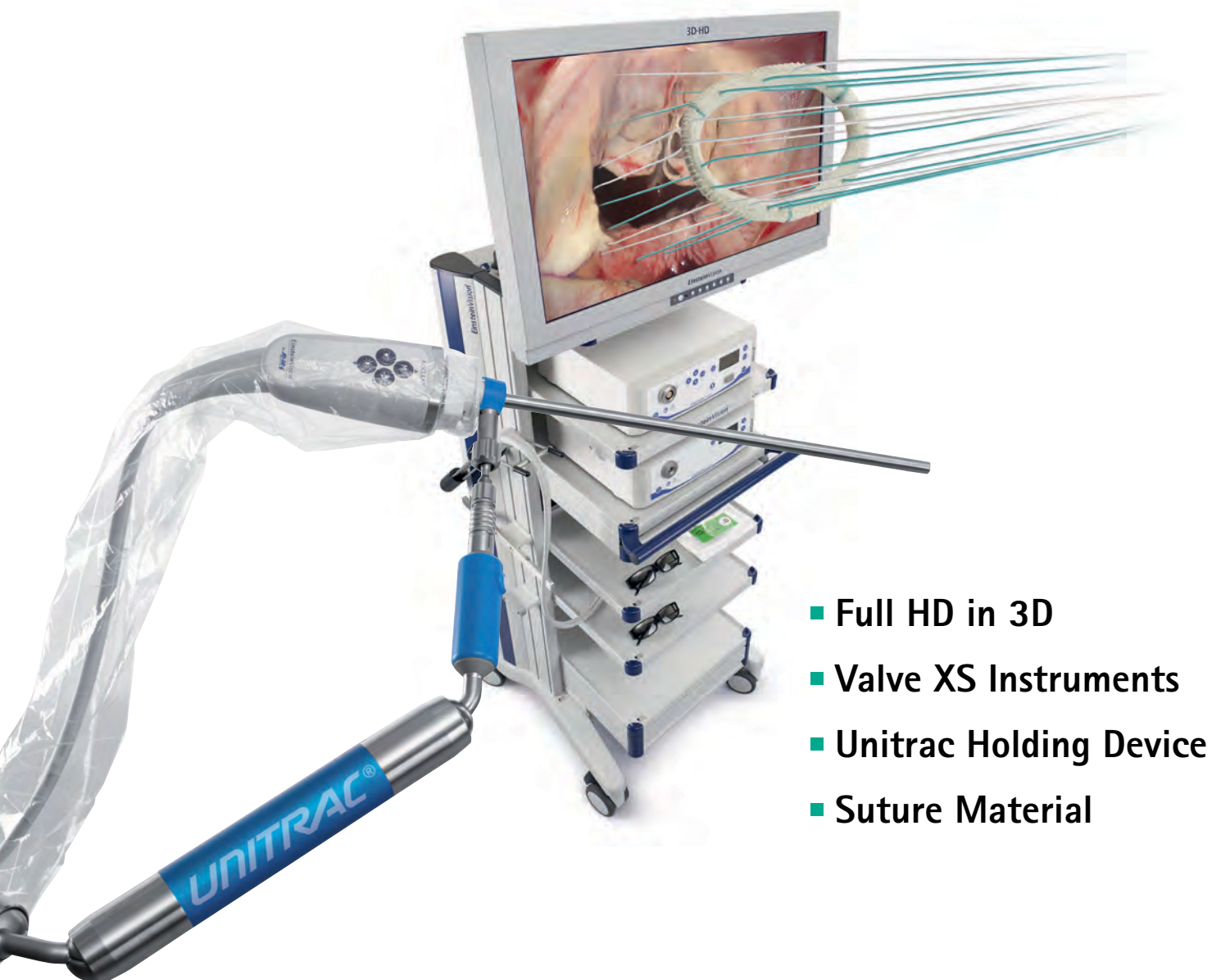
¹ Data on file (2014), determined by Penetration measurement protocol SXMAD/05/A 20/03/06.

² Data on file (2014), determined by Flexion and ductility measurement protocol SXMAD/04/C 15/12/10.



Aesculap® *EinsteinVision*® 2.0

Innovations for minimal invasive heart valve surgery



- Full HD in 3D
- Valve XS Instruments
- Unitrac Holding Device
- Suture Material



3D Visualisation:

- Full HD large Quality – without refocusing through extended depth of field
- New sterile concept – unique camera drape
- Digital Zoom – zoom settings 1.0 – 1.3 – 1.6 – 1.9
- Antifog Solution – integrated „heater“ in the distal endoscope
- Autofocus – extended depth of operating field
- Cable Management – optical cable is now fed directly into the endoscope

Instruments & Holding Device

- One hand solution for the camera – pneumatic Unitrac Holding Device
- Excellent view on the mitral valve – flexible Atrium Retractor with additional lateral blade
- Quick instrument identification – colour coding
- Good grip – golf ball design for the handles

Have a look at our brochures

- C64202 Valve XS and
- C93502 *EinsteinVision*® 2.0



Valve XS



EinsteinVision® 2.0































PremiCron®

Product overview

Structure	Polyfilament, braided and coated
Colour	Green or white
Chemical composition	Polyester
Coating	Silicone
Origin	Synthetic
Sizes	USP 6/0 (0.7 metric) to USP 5 (7 metric)
Type of absorption	Non-absorbable
Indication	Cardiovascular surgery General surgery



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)	
1/2 circle round bodied needle										
	HR 6 		75 green	C2026942						
	2xHR 10f 		75 green		C2026213					
			75 green		C0026213					
	HR 10 		45 green	C0026008	C0026009	C0026010				
			75 green		C2026695					
	2xHR 10 	 	75 green		C2026887 C2026792	C2026888				
			75 green		C0026695					
			75 green		C0026887 C0026792	C0026888				
	2xHR 13ff 		75 green		C2026949					
			75 green		C0026949					
	HR 13 		60 green				C2026183			
			45 green		C0026029	C0026030	C0026031			
			75 green			C0026152	C0026032			
			4 x 75 green			M0026699				
	2xHR 13 		60 green				C2026846			
			75 green		C2026843	C2026844	C2026845			
			75 green		C0026843	C0026844	C0026845			
	HR 13 	take off	4 x 45 green			C0026477				
	HR 13ss 		75 green				C0026062			



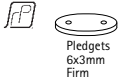




C Box of 36 units




















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 17	75 green		C0026003	C0026004	C0026005	C0026006		
	4 x 75 green take off			C0026700				
 2xHR 17	75 90 green	C2026802	C2026803 C2026903	C2026804 C2026904	C2026805 C2026905	C2026806 C2026906		
	75 90 white			C2027455		C2027457 C2027906		
	 75 green						C2027042	
	75 90 green	C0026802	C0026803 C0026903	C0026804 C0026904	C0026805 C0026905	C0026806 C0026906		
	75 90 white			C0027455		C0027457 C0027906		
	 4 x 75 green				M0026708			
	 8 x 75 4 x 90 green/white					M0027775	M0027008	
	 4 x 75 8 x 75 green/white					M0027764 M0027802		
	 4 x 75 8 x 75 green/white					M0027088 M0027776	M0027091	

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 green						C2026211	
	  Pledgets 3x3mm Firm	75 green					C2026252	
	  Pledgets 6x3mm Firm	75 green					C2026210	
	  Pledgets 3x3mm Soft	75 green					C2026257	
		75 green					C0026211	
	 Pledgets 3x3mm Firm	75 green					C0026252	
	 Pledgets 3x3mm Soft	75 green					C0026257	
	 Multi pack	8 x 75 green/white					M0027151	
	 Multi pack  Pledgets 3x3mm Firm	4 x 75 8 x 75 green/white					M0027090 M0027119	
	 Multi pack  Pledgets 6x3mm Firm	4 x 75 8 x 75 green/white					M0027089 M0027150	
	 Multi pack  Pledgets 3x3mm Soft	4 x 75 8 x 75 green/white					M0027105 M0027133	
		4 x 45 green			C0026704	C0026740		
	 Easyslide	take off						

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

PremiCron®


















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 green			C2026094				
	90 white					C2027591		
	90 white					C0027591		
	75 green					C0026907		
	75 white					C0027010		
	8 x 75 green/white					M0027707		
 	8 x 75 green/white					M0027953		
 	4 x 75 8 x 75 green/white					M0027905 M0027706		
 	8 x 75 green/white					M0027945		
 	8 x 75 green/white					M0027525		
								
								
								
	75 100 green			C0026024	C0026025	C0026026 C0026086		


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			C2026763		C2026737		
	90 green			C2026730	C2026731	C2026732	C2026734	
	 Pledgets 6x3mm Firm	75 green		C2026735	C2026307	C2026733		
	 Pledgets 6x3mm Firm	75 white				C2027034		
	75 90 green			C0026763 C0026730	C0026731	C0026737 C0026732	C0026734	
	 Pledgets 6x3mm Firm	75 green		C0026735	C0026307	C0026733		
	 Pledgets 6x3mm Firm	75 white				C0027034		
	 Pledgets 6x3mm Firm	2 x 75 green/white				B0027718		
	8 x 75 green/white					M0027705		
	 Pledgets 6x3mm Firm	8 x 75 8 x 90 green/white				M0027605 M0027704		
	 Pledgets 6x3mm Soft	8 x 75 green/white				M0027867		



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								
 2xHR 22b	 75 green						C2026265	
	  75 green						C2026460	
	  75 green						C2026493	
	75 green						C0026265	
	 75 green						C0026460	
	 75 green						C0026493	
	 8 x 75 green/white						M0027181	
	  4 x 75 8 x 75 green/white						M0027157 M0027169	
	  4 x 75 8 x 75 green/white						M0027163 M0027175	
	 HR 22ss	2 x 60 green/white						
 take off	4 x 45 green					C0026736	B0026729	
 2xHR 22ss	75 green							
								

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			C0026014	C0026015	C0026016	C0026017	C0026018	
	90					C0026049			
	100						C0026096		
	120				C0026002	C0026111	C0026001		
	green								
	75					C0027016			
	90					C0027020			
	white								
	Multi pack	4 x 75					M0026725		
	green								
Multi pack	4 x 75					M0027112			
white									









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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								
	75				C2026738	C2026739		
	90 green			C2026814	C2026815	C2026816	C2026817	
	75					C2027839		
	90 white				C2027815	C2027816	C2027817	
  Pledgets 6x3mm Firm	90				C2026915	C2026916		
	90 white						C2027306	
  Pledgets 6x3mm Firm	75				C0026738	C0026739		
	90 green			C0026814	C0026815	C0026816	C0026817	
	75					C0027839		
	90 white					C0027816	C0027817	
 Pledgets 6x3mm Firm	90				C0026915	C0026916		
	90 white						C0027306	
	4 x 75 green					M0026225		
	4 x 75					M0027700	M0027009	
	8 x 75					M0027715		
	8 x 90 green/white					M0027713		
  Pledgets 3x3mm Firm	8 x 75					M0027716		
	8 x 90 green/white					M0027717		
  Pledgets 6x3mm Firm	8 x 90 green					M0026712		


















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)		
1/2 circle round bodied needle											
 	  Pledgets 6x3mm Firm	4 x 75								M0027759	
		8 x 75								M0027766	
		4 x 90								M0027752	
		8 x 90								M0027712	
			green/white								
			75							C2026500	
			green								
			75							C2026522	
			green								
			75							C2026527	
		green									
		75							C0026500		
		green									
		75							C0026522		
		green									
		75							C0026527		
		green									
		4 x 75							M0027186		
		8 x 75							M0027205		
		green/white									
		4 x 75							M0027187		
		8 x 75							M0027199		
		green/white									
		4 x 75							M0027193		
		8 x 75							M0027211		
		green/white									
3/8 circle round bodied needle											
 			45							C2026822	
			green								
			45								C2027822
			white	C2027069		C2027070	C2027071				
			45								C0026822
		green									
		45								C0027822	
		white	C0027069								

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)	
3/8 circle round bodied needle									
 2xDR 10 		75 green	C2026871						
		75 green	C0026871						
 DR 12 		45 green	C0026120	C0026121					
 2xDR 12 		75 green	C2026852	C2026853	C2026854				
		75 white		C2027853	C2027854				
	 	75 green				C2026954			
		75 green	C0026852	C0026853	C0026854	C0026859			
		75 white		C0027853	C0027854				
		75 green				C0026954			
 2xDR 13 	 	75 green			C2026896				
 DR 15 		75 green			C0026130	C0026131			
 DR 18 		75 green			C0026104	C0026105			
 2xDR 18 		75 green		C2026863	C2026864	C2026865	C2026858	C2026883	
		90 green							
		75 green		C0026863	C0026864	C0026865	C0026858	C0026883	
		8 x 90 green/white						M0027769	
	 	8 x 75 green/white						M0027671	















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)
3/8 circle round bodied needle								
 DR 22 	75 green				C0026226	C0026227	C0026228	
 2xDR 22 	 75 green				C2026116	C2026143		
 DR 26 	75 100 green				C0026136	C0026137 C0026139		
 2xDR 26 	 90 green					C2026873		
	  90 green					C2026874		
	90 green					C0026873		
1/2 circle round bodied needle with short cutting point								
 HRC 17 	 75 green						C2026940	
	75 green		C0026936	C0026937	C0026938			

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 with short cutting point									
	75						C2026572	C2026250	C2026212
	90 green				C2026304		C2026305	C2026306	
	75							C2027656	
	90 white							C2027317	
 	75 green						C2026241	C2026249	
	90 green						C2026240	C2026248 C2026308	
 	90 white							C2027315	
	75 green							C2026560	
 	75 white							C2027320	
	75 green							C2026563	
 	75 white							C2027323	
	75 green								
 	75 white								
	90 green				C0026304		C0026305	C0026250 C0026306	C0026158
 	75 white							C0027656 C0027317	
	75 green							C0026249	
 	75 white								
	90 green						C0026240	C0026248 C0026308	

























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 with short cutting point								
 Pledgets 6x3mm Firm	90 white					C0027315		
 Pledgets 3x3mm Soft	75 green					C0026560		
 Pledgets 3x3mm Soft	75 white					C0027320		
 Pledgets 6x3mm Soft	75 green					C0026563		
 Multi pack	4 x 75 green					M0026175		
 Multi pack	4 x 75 8 x 75 4 x 90 8 x 90 green/white				M0027584	M0027921 M0027722	M0027585 M0027976	
 Multi pack	 Pledgets 3x3mm Firm 4 x 75 8 x 75 green/white					M0027738	M0027739	
 Multi pack	 Pledgets 6x3mm Firm 4 x 75 8 x 75 4 x 90 8 x 90 green/white					M0027628 M0027723	M0027579 M0027675 M0027975	
 Multi pack	 Pledgets 3x3mm Soft 4 x 75 8 x 75 green/white					M0027824 M0027819		
 Multi pack	 Pledgets 6x3mm Soft 4 x 75 8 x 75 green/white					M0027813 M0027811		









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 with short cutting point								
	75 green						C2026538	
 	Pledgets 3x3mm Firm 75 green						C2026556	
 	Pledgets 6x3mm Firm 75 green						C2026579	
 	Pledgets 3x3mm Soft 75 green						C2026568	
 	Pledgets 6x3mm Soft 75 green						C2026587	
	75 green						C0026538	C0026159
	Pledgets 3x3mm Firm 75 green						C0026556	
	Pledgets 6x3mm Firm 75 green						C0026579	C0026253
	Pledgets 3x3mm Soft 75 green						C0026568	
	Pledgets 6x3mm Soft 75 green						C0026587	
	4 x 75 8 x 75 green/white						M0027568 M0027253	M0027586
 	Pledgets 3x3mm Firm 4 x 75 8 x 75 green/white						M0027217 M0027241	
 	Pledgets 6x3mm Firm 4 x 75 8 x 75 green/white						M0027229 M0027259	
 	Pledgets 3x3mm Soft 4 x 75 8 x 75 green/white						M0027223 M0027247	
 	Pledgets 6x3mm Soft 4 x 75 8 x 75 green/white						M0027235 M0027265	






















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)	
1/2 circle round bodied needle with short cutting point										
 	  Pledgets 6x3mm Firm	4 x 75						M0027626		
		8 x 75							M0027625	
 		75			C0026156					
		100						C0026296		
		green								

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

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 with short cutting point								
	90 green						C2026323	
	90 white						C2027363	
 	75 green Pledgets 6x3mm Firm						C2026263	
 	90 white Pledgets 6x3mm Firm							C2027537
 	75 green Pledgets 6x3mm Soft						C2026585	
 	75 white Pledgets 6x3mm Soft						C2027340	
	90 green						C0026323	C0026163
	90 white						C0027363	
		75 green Pledgets 6x3mm Firm					C0026263	
		90 white Pledgets 6x3mm Firm						C0027537
		75 green Pledgets 6x3mm Soft					C0026585	
		4 x 75 8 x 75 4 x 90 green/white					M0027549 M0027102 M0027603	M0027107 M0027610
	 	4 x 75 8 x 75 4 x 90 green/white Pledgets 6x3mm Firm					M0027949 M0027100 M0027617	M0027108 M0027618
	 	4 x 75 8 x 75 green/white Pledgets 6x3mm Soft					M0027836 M0027841	
								

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 with short cutting point								
	75					C2026616		
	90						C2026995	
	green							
								
	 Pledgets 6x3mm Firm	75				C2026620		
	green							
	 Pledgets 6x3mm Soft	75				C2026625		
	green							
	75					C0026616		
	90					C0026179		
	green							
	75					C0026620		
	 Pledgets 6x3mm Firm	90				C0026174	B0026898	
	green							
	90						C0027536	
	white							
	75					C0026625		
	green							
	4 x 75 8 x 75 4 x 90					M0027251 M0027414 M0027566		
	green/white							
	 Pledgets 6x3mm Firm	4 x 75 8 x 75 4 x 90				M0027375 M0027391 M0027300	M0027109 M0027619	
	green/white							
	 Pledgets 6x3mm Soft	4 x 75 8 x 75 4 x 90				M0027383 M0027402 M0027567		
	green/white							
		4 x 90						
		green/white						
	75					C0026301	C0026302	
	100					C0026299	C0026300	
	green							
	8 x 75						M0027915	
		green/white						
		120					C2026955	C2026956
	green							


















C Box of 36 units

B Box of 24 units




















G Box of 12 units

M Box of 6 units

PremiCron®

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 with short cutting point								
	75							
	90			C2026311	C2026215	C2026316	C2026317	
	green					C2026313	C2026419	
	90					C2027326		
	white							
 	75						C2026422	
	green							
 	75						C2027422	
	white							
 	75						C2026319	
	90						C2026318	
 	75						C2026594	
	90						C2026676	
 	75						C2027343	
	white							
	75					C0026215	C0026316	C0026317
	90					C0026312	C0026313	C0026419
	green							
	90						C0027326	
	white							
	75						C0026422	
	green							
	75						C0026319	C0026162
	90						C0026318	C0026165
	green							
	75						C0026594	
	90						C0026676	
	green							
	4 x 75						M0027371	M0027925
	8 x 75						M0027791	
	4 x 90						M0027555	M0027686
	green/white							



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 with short cutting point									
 	  Pledgets 3x3mm Firm	8 x 75 green/white					M0027801		
		4 x 75 8 x 75					M0027543 M0027792	M0027859	
	  Pledgets 6x3mm Firm	4 x 90 8 x 90 green/white					M0027685 M0027660	M0027687 M0027661	
	  Pledgets 6x3mm Soft	4 x 75 8 x 75 8 x 90 green/white					M0027843 M0027845 M0027531		
		75 120 green					C2026634 C2026957	C2026960	
	  Pledgets 6x3mm Firm	75 green					C2026643		
	  Pledgets 6x3mm Soft	75 green					C2026650		
		75 90 green					C0026634 C0026180	C0026320 C0026168	
	 Pledgets 6x3mm Firm	75 90 green					C0026643 C0026181	C0026644 C0026169	
	 Pledgets 6x3mm Soft	75 green					C0026650		
		4 x 75 8 x 75 4 x 90 green/white					M0027425 M0027465 M0027569		
	  Pledgets 6x3mm Firm	4 x 75 8 x 75 4 x 90 green/white					M0027424 M0027451 M0027003	M0027858	
  Pledgets 6x3mm Soft	4 x 75 8 x 75 4 x 90 green/white					M0027443 M0027471 M0027565			

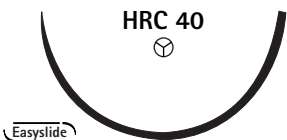
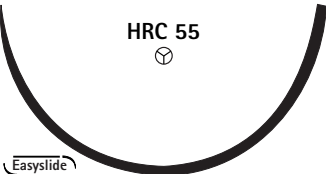

C Box of 36 units

















B Box of 24 units

G Box of 12 units

M Box of 6 units

PremiCron®

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 with short cutting point								
 HRC 40 Easyslide	75 green							
Needle length mm	Thread length cm colour	USP (metric)						
		2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)
 HRC 55 Easyslide	4 x 75 green				G0026114			
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)
3/8 circle round bodied needle with short cutting point								
 DRC 12 CV Pass	75 green	C0026352						

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)
3/8 circle round bodied needle with short cutting point								
	 75 green				C2026465	C2026466		
	  Pledgets 3x3mm Firm	75 green				C2026476		
	  Pledgets 3x3mm Soft	75 green				C2026636		
		75 green			C0026465	C0026466		
	 Pledgets 3x3mm Firm	75 green				C0026476		
	 Pledgets 3x3mm Soft	75 green				C0026636		
	 Multi pack	4 x 75 8 x 75 8 x 90 green/white				M0027601 M0027311 M0027941		
	  Pledgets 3x3mm Firm	4 x 75 8 x 75 green/white				M0027600 M0027310		
	  Pledgets 6x3mm Firm	8 x 75 8 x 90 green/white				M0027312 M0027935		
	  Pledgets 3x3mm Soft	4 x 75 8 x 75 green/white				M0027394 M0027507		
	  Pledgets 6x3mm Soft	4 x 90 8 x 90 green/white				M0027513 M0027519		

















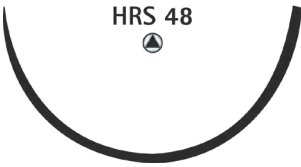

C Box of 36 units

B Box of 24 units




G Box of 12 units






M Box of 6 units

PremiCron®

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)	
3/8 circle round bodied needle with short cutting point									
 <p>2xDRC 18b</p>	  <p>Pledgets 6x3mm Firm</p>	75 green							C2026161
	  <p>Pledgets 6x3mm Soft</p>	75 green							C2026184
	 <p>Pledgets 6x3mm Firm</p>	75 green							C0026161
	 <p>Pledgets 6x3mm Soft</p>	75 green							C0026184
	  <p>Pledgets 6x3mm Firm</p>	4 x 75 8 x 75 green/white							M0027002 M0027046
	  <p>Pledgets 6x3mm Soft</p>	4 x 75 8 x 75 green/white							M0027013 M0027079
									
1/2 circle round bodied needle with sternum point									
 <p>HRS 40</p>		4 x 75 green							
 <p>HRS 48</p>		4 x 75 green							
Needle length mm	Thread length cm colour	USP (metric)							
		2 (5)	3 (6)	4 (6)	5 (7)	6 (8)	7 (9)	8 (10)	
 <p>HRS 48</p>	4 x 75 green				G0026702				
 <p>HRS 60</p>	4 x 75 green				G0026705				

PremiPatch® PTFE pledgets

Pledgets FIRM		Units / foil	Code
3 x 3 x 1.5 mm		6	C0027996
6 x 3 x 1.5 mm		6	C0027995
9 x 5 x 1.5 mm		6	C0027994

Pledgets SOFT		Units / foil	Code
3 x 3 x 1.5 mm		6	C0027990
6 x 3 x 1.5 mm		6	C0027991
6 x 5 x 1.5 mm		6	C0027983
9 x 5 x 1.5 mm		6	C0027992
16 x 7 x 1.5 mm		6	C0027993



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