

CHROMIC GUT

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Description	<p>CHROMIC GUT sutures are absorbable sterile surgical sutures composed of purified connective tissue (mostly collagen) derived from the serosal layer of beef (bovine) intestines. They are packaged in a solution of 89% isopropanol, 10% water and 1% triethanolmaine. CHROMIC GUT is treated with chromic salt solution. Mild chromic sutures are specially treated for ophthalmic and cuticular applications.</p>
Characteristics	<p>The manufacture of catgut raw material, consisting of long ribbons of highly selected serosal tissue, ensures:</p> <ul style="list-style-type: none">■ Purity of collagen for optimal tensile strength and in-vivo performance■ Uniform treatment with a buffered chromium salt solution, resulting in a chromic strand with a more predictable strength and uniform in-vivo absorption■ Surface smoothness to facilitate knot run-down and knot strength, due to electronic polishing of each strand.
Indications	<p>CHROMIC GUT sutures are indicated for use in general soft tissue approximation and/or ligation, including use in ophthalmic surgery, but not in cardiovascular or neurological surgery.</p>
Contraindications	<p>The use of these sutures is contraindicated in patients with known sensitivities or allergies to collagen or chromium, as gut is a collagen based material and CHROMIC GUT is treated with chromic salt solutions.</p>
Actions	<p>CHROMIC GUT sutures elicit a minimal acute inflammatory reaction in tissues characteristic of foreign body response to a substance. This is followed by gradual loss of tensile strength and suture mass, as the enzymatic process dissolves the surgical gut until it is completely absorbed.</p>
Tensile Strength	<p>Many factors may affect the rate of tensile strength loss. These include:</p> <ul style="list-style-type: none">• Type of suture• Presence of infection• Tissue sites
Absorption	<p>Absorption of CHROMIC GUT sutures occurs by enzymatic process similar to the digestion of an animal protein by the body. Being enzymatic, the process is subject to different influencing factors (see above) and it is virtually impossible to indicate the exact designation of a consistent absorption time.</p>
Sterilization	<p>Gamma irradiation</p>
Packaging	<p>CHROMIC GUT absorbable sutures are available in USP and EP sizes 2 (6 metric) through 7-0 (0.7 metric). The sutures are supplied sterile, in pre-cut lengths or ligating reels; non-needed or affixed to various needle types, using both permanent and removable needle attachment techniques; in one, two or three dozen boxes.</p>






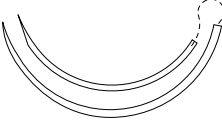

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NON-NEEDLE PRODUCTS	Length	Color	Units Per Box	M USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
				M	0.7	1	1.5	2	3	3.5	4	5	6
PRE-CUT	3x18		24						G-82	G-83	G-84	G-85	
	6x18		24								G-14	G-15	
	12x18		24							G-13			
	2x30		24							G-253	G-254		
STANDARD LENGTH	60		24					G-211	G-212	G-213	G-214	G-215	G-216
REEL	60		24					LG-111	LG-112	LG-113	LG-114	LG-115	
REVERSE CUTTING ▼													
3/8 Circle 12mm  C-1	18		36				SG-197						
3/8 Circle 16mm  C-12	18		36					SG-535					



REVERSE CUTTING ▼	Length	Color	Units Per Box	M USP										
				7-0 0.7	6-0 1	5-0 1.5	4-0 2	3-0 3	2-0 3.5	0 4	1 5	2 6		
3/8 Circle 19mm  C-13	18		36				SG-675	SG-676						
	30		36			SG-634	SG-635	SG-636						
	30		12			SG-634-G	SG-635-G	SG-636-G						
3/8 Circle 24mm  C-14	30		36						SG-637					
	30		12						SG-637-G					
3/8 Circle 30mm  C-16	36		36						SG-502					
3/8 Circle 30mm 1/2 Circle 40mm  C-16 GS-24	60		36						CG-977					
1/2 Circle 13mm  C-21	18		12				G-1744							




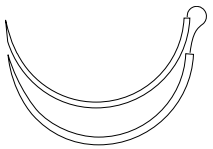



REVERSE CUTTING ▼	Length	Color	Units Per Box	M USP										
				7-0 0.7	6-0 1	5-0 1.5	4-0 2	3-0 3	2-0 3.5	0 4	1 5	2 6		
3/8 Circle 7.4mm Curvature 110° Radius 4.11mm Diameter 0.012"  HE-6	18		12		❖ G-1794K									
3/8 Circle 11.0mm Curvature 135° Radius 4.67mm Diameter 0.017"  HE-1	18		12		❖ G-1780K									
3/8 Circle 11.0mm Curvature 135° Radius 4.67mm Diameter 0.017"  HE-1	18		12		❖ G-1790K									
3/8 Circle 13.0mm Curvature 155° Radius 4.80mm Diameter 0.021"  HE-3	12		12				❖ G-1752-GK							
3/8 Circle 13.0mm Curvature 155° Radius 4.80mm Diameter 0.021"  HE-3	12		12				❖ G-1751-GK							
	18		12			❖ G-1792K	❖ G-1793K							





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				7-0 0.7	6-0 1	5-0 1.5	4-0 2	3-0 3	2-0 3.5	0 4	1 5	2 6		
1/2 Circle 8.6mm Curvature 205° Radius 2.41mm Diameter 0.017"  HE-2	18		12				◆ G-1758K							
1/2 Circle 26mm  GS-10	30		36						CG-415					
1/2 Circle 37mm  GS-11	30		36						CG-815	CG-816	CG-817	CG-818		
1/2 Circle 37mm 1/2 Circle 37mm  GS-11 GS-21	60		36						CG-982	CG-983				
1/2 Circle 40mm  GS-12	30		36							CG-833				








PREMIUM REVERSE CUTTING ▼	Length	Color	Units Per Box	USP										
				7-0 0.7	6-0 1	5-0 1.5	4-0 2	3-0 3	2-0 3.5	0 4	1 5	2 6		
3/8 Circle 13mm  P-13	18		36			❖ SG-5687	❖ SG-5644							
	18		12			❖ SG-5687-G	❖ SG-5644-G							
3/8 Circle 19mm  P-12	18		36				❖ SG-5637	❖ SG-5638						
	18		12				❖ SG-5637-G							
	30		12					❖ SG-5163-G						
1/2 Circle 9mm  P-21	18		12		SG-1816-G	SG-1759	SG-1658							
PREMIUM X-CUTTING ⚡														
3/8 Circle 19mm  DX-19	18		12				❖ XG-1637							







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PREMIUM SPATULA 	Length	Color	Units Per Box	S	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
					0.7	1	1.5	2	3	3.5	4	5	6
1/4 Circle 8.6mm Curvature 115° Radius 4.32mm Diameter 0.017"  SS-14	12		12				◆ G-1766K						
	18		12			◆ G-1791K							
1/2 Circle 8.6mm Curvature 200° Radius 2.49mm Diameter 0.017"  SS-2	18		12					◆ G-1798K					
3/8 Circle 6.3mm Curvature 140° Radius 2.64mm Diameter 0.008"  SE-140-8	18		12		◆ G-2797K								
1/2 Circle 6.9mm Curvature 175° Radius 2.39mm Diameter 0.008"  SE-175-8	18		12		◆ G-2745K								






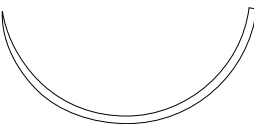
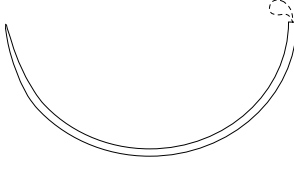
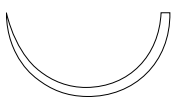



TAPER POINT 	Length	Color	Units Per Box	M USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
					0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 17mm  CV-23	30		36				UG-202	UG-203	UG-204				
1/2 Circle 20mm  CV-24	30		36					GG-191	GG-185				
1/2 Circle 22mm  CV-25	30		36					GG-181	GG-182				
1/2 Circle 22mm  GS-23	30		36							CG-893			
1/2 Circle 27mm  GS-22	30		36						CG-882	CG-883	CG-884	CG-885	





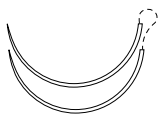
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TAPER POINT 	Length	Color	Units Per Box	USP										
				M	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2	
				0.7	1	1.5	2	3	3.5	4	5	6		
1/2 Circle 37mm  GS-21	 5x18		24								CG-10-M	CG-11-M		
	3x30		24							3-CG-811	3-CG-812	3-CG-813		
	30		36						CG-810	CG-811	CG-812	CG-813	CG-814	
	 5x30		12									CG-6-M		
	36		36						CG-922	CG-923	CG-924	CG-925		
1/2 Circle 40mm  GS-24	3x30		24								3-CG-802			
	30		36						CG-800	CG-801	CG-802	CG-803	CG-804	
	36		36						CG-912	CG-913	CG-914	CG-915		
1/2 Circle 48mm  GS-25	30		36								CG-864	CG-865	CG-866	
	36		36								CG-904	CG-905		
1/2 Circle 65mm  GS-26	60 ³⁰		24									CG-824-L	CG-825-L	
1/2 Circle 34mm  HGS-20	 5x18		24									CG-975-M		





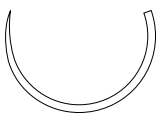
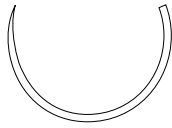


TAPER POINT 	Length	Color	Units Per Box	M USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
					0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 37mm  HGS-21	▲ D-TACH® 5x18		24								CG-100-M	CG-101-M	
	▲ D-TACH® 5x30		12									CG-38-M	
	30		36							CG-941	CG-942	CG-943	
	5x30		12									CG-589-M	
1/2 Circle 40mm  HGS-24	30		36									CG-933	
1/2 Circle 26mm  V-20	30		36					GG-121	GG-122	GG-123	GG-124	GG-125	
1/2 Circle 26mm  V-20	36		36						GG-522	GG-523			


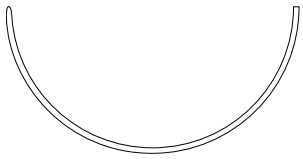


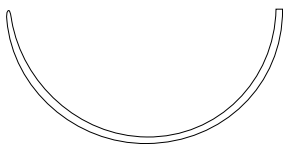


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TAPER POINT 	Length	Color	Units Per Box	USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
				M	0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 30mm  V-30	30		36							GG-130			
1/2 Circle 37mm  V-26	30		36						GG-126	GG-127	GG-128	GG-129	
5/8 Circle 27mm  GU-46	30		36						UG-777	UG-778	UG-789		
5/8 Circle 37mm  GU-45	30		36							UG-245	UG-246		
5/8 Circle 40mm  GU-44	30		36							UG-255	UG-256		



BLUNT TAPER POINT - PROTECT POINT™ 	Length	Color	Units Per Box	USP									
				7-0	6-0	5-0	4-0	3-0	2-0	0	1	2	
				M	0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 85mm  BGS-28	36		24									CG-49	
BLUNT POINT - PROTECT POINT™ 													
3/8 Circle 64mm  BP-9	36		12							CG-36	CG-37	CG-38	
1/2 Circle 64mm  BP-27	30		24								CG-47	CG-48	
TAPERCUTTING 													
1/2 Circle 37mm  KV-34	30		36							CG-837			
	36		36						CG-962	CG-963	CG-964		