

CHROMIC GUT

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Description	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.
Characteristics	The manufacture of catgut raw material, consisting of long ribbons of highly selected serosal tissue, ensures: <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	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.
Contraindications	The use of these sutures are 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.
Actions	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.
Tensile Strength	Many factors may affect the rate of tensile strength loss. These include: <ul style="list-style-type: none">• Type of suture• Presence of infection• Tissue sites
Absorption	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.
Sterilization	Gamma irradiation
Packaging	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-neededled or affixed to various needle types, using both permanent and removable needle attachment techniques; in one, two or three dozen boxes.

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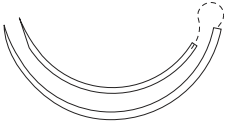

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Chromic Gut Suture

NON-NEEDLE PRODUCTS	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
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-252	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	
	80		24										LG-226
	98		24					LG-222	LG-223	LG-224	LG-225		
REVERSE CUTTING			<input type="checkbox"/>										
3/8 Circle 12 mm	18		36				SG-197						
3/8 Circle 16 mm	18		36					SG-535					






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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 19 mm  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 24 mm  C-14	30		36						SG-637				
	30		12						SG-637-G				
3/8 Circle 30 mm  C-16	36		36						SG-502				
3/8 Circle 30 mm 1/2 Circle 30 mm 40 mm  C-16 GS-24	60		36						CG-977				
1/2 Circle 13 mm  C-21	18		12				G-1744						




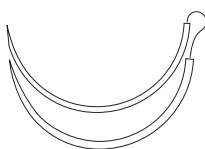

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REVERSE CUTTING ▼	Length	Color	Units Per Box	M USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
				0.7	1	1.5	2	3	3.5	4	5	6	
3/8 Circle 7 mm  HE-6	18		12		G-1794								
3/8 Circle 11 mm  HE-1	18		12		G-1780								
3/8 Circle 11 mm  HE-1	18		12		G-1790								
3/8 Circle 13 mm  HE-3	12		12					G-1752-G					
3/8 Circle 13 mm  HE-3	12		12					G-1751-G					
	18		12			G-1792	G-1793						






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REVERSE CUTTING ▼	Length	Color	Units Per Box	US	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 9 mm  HE-2	18		12					G-1758					
1/2 Circle 26 mm  GS-10	30		36						CG-415				
1/2 Circle 37 mm  GS-11	30		36						CG-815	CG-816	CG-817	CG-818	
1/2 Circle 1/2 Circle 37 mm 37 mm  GS-11 GS-21	60		36						CG-982	CG-983			
1/2 Circle 40 mm  GS-12	30		36						CG-834	CG-833			






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REVERSE CUTTING ▼	Length	Color	Units Per Box	USP									
				7-0 M 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 26 mm  HOS-10	30		36							CG-516	CG-517		
1/2 Circle 37 mm  HOS-11	30		36							CG-526	CG-527	CG-528	
PREMIUM REVERSE CUTTING ▼													
3/8 Circle 13 mm  P-13	18		36			❖ SG-5687	❖ SG-5644						
	18		12			❖ SG-5687-G	❖ SG-5644-G						
3/8 Circle 16 mm  P-11	18		36										
	18		12		SG-1635-G								
3/8 Circle 19 mm  P-12	18		36				❖ SG-5637	❖ SG-5638					
	18		12				❖ SG-5637-G						
	30		12					❖ SG-5163-G					










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PREMIUM REVERSE CUTTING ▼	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 9 mm  P-21	18		12			SG-1816-G	SG-1759	SG-1658					
1/2 Circle 13 mm  P-22	18		12				SG-1652-G						
1/2 Circle 16 mm  P-24	18		12			✦ SG-1641-G							
PREMIUM X- CUTTING				✦									
3/8 Circle 19 mm  DX-19	30		12					✦ XG-1637					
SPATULA				■									
1/4 Circle 10 mm  SS-14	18		12			G-1791	G-1766						







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SPATULA 	Length	Color	Units Per Box	USP										
				7-0 M 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 mm  SS-2	18		12				G-1798							
PREMIUM SPATULA 														
3/8 Circle 6 mm  SE-140-8	18		12	❖ G-2797										
1/4 Circle 6 mm  SE-100-8	18		12	G-1749										
1/2 Circle 7 mm  SE-175-8	18		12	❖ G-2745										
TAPER POINT 														
3/8 Circle 13 mm  CV-11	30		36			UG-890								
1/2 Circle 13 mm  CV-22	30		36		UG-211									









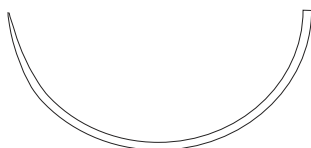
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Chromic Gut Suture

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 17 mm  CV-23	30		36				UG-202	UG-203	UG-204				
1/2 Circle 20 mm  CV-24	30		36					GG-191	GG-185				
1/2 Circle 22 mm  CV-25	30		36					GG-181	GG-182				
1/2 Circle 22 mm  GS-23	30		36							CG-893			
1/2 Circle 27 mm  GS-22	30		36						CG-882	CG-883	CG-884	CG-885	


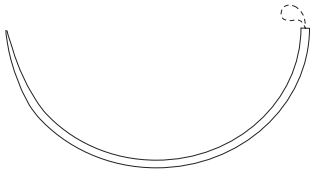








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TAPER POINT 	Length	Color	Units Per Box	USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
				M	0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 37 mm  GS-21	 5x18		24								CG-10-M	CG-11-M	
	3x30		24							3-CG-811	3-CG-812	3-CG-813	
	30		36						CG-810	CG-811	CG-812	CG-813	CG-814
	 5x30		12									CG-6-M	
	36		36						CG-922	CG-923	CG-924	CG-925	
1/2 Circle 40 mm  GS-24	 5x18		24								CG-20-M	CG-21-M	
	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 40 mm  GS-24	60		36						CG-990	CG-991			
1/2 Circle 48 mm  GS-25	30		36								CG-864	CG-865	CG-866
	36		36							CG-903	CG-904	CG-905	
1/2 Circle 65 mm  GS-26	5x30		12										CG-759-M







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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 65 mm  GS-26	60 ⁹⁰		24								CG-824-L	CG-825-L	
1/2 Circle 27 mm  HGS-22	 5x18		24								CG-84-M		
1/2 Circle 34 mm  HGS-20	 5x18		24								CG-975-M		
1/2 Circle 37 mm  HGS-21	 5x18		24							CG-100-M	CG-101-M		
	 5x30		12								CG-38-M		
	30		36						CG-941	CG-942	CG-943		
	5x30		12								CG-589-M		
	36		36							CG-946			
1/2 Circle 40 mm  HGS-24	30		36								CG-933		



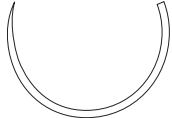

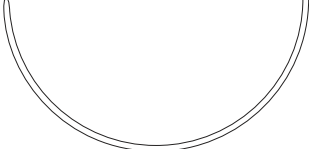


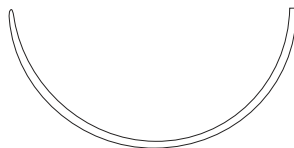
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TAPER POINT 	Length	Color	Units Per Box	USP										
				7-0 0.7	6-0 1	5-0 1.5	4-0 2	3-0 3	2-0 3.5	0 4	1 5	2 6		
1/2 Circle 26 mm  V-20	30		36				GG-121	GG-122	GG-123	GG-124	GG-125			
1/2 Circle 26 mm  V-20	36		36					GG-522	GG-523					
1/2 Circle 30 mm  V-30	30		36						GG-130	GG-377				
1/2 Circle 37 mm  V-26	30		36					GG-126	GG-127	GG-128	GG-129			
5/8 Circle 27 mm  GU-46	30		36					UG-777	UG-778	UG-789				



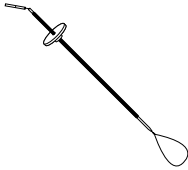

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TAPER POINT 	Length	Color	Units Per Box	USP	7-0	6-0	5-0	4-0	3-0	2-0	0	1	2
				M	0.7	1	1.5	2	3	3.5	4	5	6
1/2 Circle 37 mm  GU-45	30		36							UG-245	UG-246		
5/8 Circle 40 mm  GU-44	30		36							UG-255	UG-256	UG-257	
BLUNT TAPER POINT 													
1/2 Circle 85 mm  BGS-28	36		24									CG-49	
BLUNT POINT 													
3/8 Circle 64 mm  BP-9	36		12							CG-36	CG-37	CG-38	
1/2 Circle 64 mm  BP-27	30		24								CG-47	CG-48	

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TAPERCUTTING 	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 37 mm  KV-34	30		36							CG-837		CG-839		
	36		36						CG-962	CG-963	CG-964			
SURGITIE														
LIGATING LOOP with Delivery System 	21 ¹⁰		12								SGL-1			
LIGATING LOOP without Delivery System 	18 ⁰		12								SGL-3			