

Polydiox

**Polydiox
monofilament**

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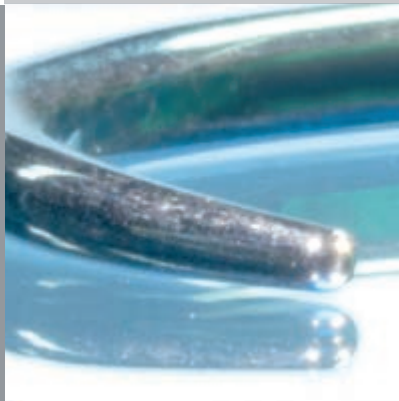
Polydiox

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POLYDOX monofilament

POLYDOX monofilament is a long-term absorbable, synthetic suture made of polydioxanone. The suture offers good handling combined with great strength due to its slow degradation profile.

Polydox monofilament is ideal for all indications, where an extended wound support of more than 4 weeks is desirable. The threads are available in violet and natural.

The suture is very flexible, pliable and easy to knot. In tissue, the thread can cause a slight initial inflammatory reaction.



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Absorbable - Polydox monofilament

Indication: General soft tissue approximation, Orthopaedics (e.g. Joint capsule, Tendons), Fascia Closure, Urology, Gynaecology and Plastic surgery.

Contraindication: Polydox monofilament should not be used where prolonged approximation of tissues under stress is required.

Sizes: 7/0 to 4 USP

Structure: Monofilament













Absorption method: Hydrolysis

Strength Retention Profile:

LONG-TERM HEALING (90 - 98 days)	
1 Day	100%
45 Days	50%

Mass Absorption profile: 180 - 240 days








POLYDOX monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						
HR 10 	0.7	6/0	1 x 75 cm	Violet	DX 0246	DX 0247
	1	5/0	1 x 75 cm	Violet		
HR 13 	1	5/0	1 x 45 cm	Violet	DX 0248	DX 0249 DX 0250 DX 0251
	0.7	6/0	1 x 75 cm	Violet		
	1.5	4/0	1 x 75 cm	Violet		
2 x HR 13 	1	5/0	1 x 75 cm	Violet	DX 5245	
HR 17 	1	5/0	1 x 75 cm	Violet	DX 0254	
HR 18 	1	5/0	1 x 75 cm	Violet	DX 0257 DX 0258 DX 0259	
	1.5	4/0	1 x 75 cm	Violet		
	2	3/0	1 x 75 cm	Violet		
2 x HR 18 	1	5/0	1 x 75 cm	Violet	DX 5250	
	1.5	4/0	1 x 90 cm	Violet	DX 5251	
HR 20 	1	5/0	1 x 75 cm	Violet	DX 0360 DX 0256	
	1.5	4/0	1 x 75 cm	Violet		
HR 22 	1.5	4/0	1 x 75 cm	Violet	DX 0261 DX 0262 DX 0263	
	2	3/0	1 x 75 cm	Violet		
	3	2/0	1 x 75 cm	Violet		
2 x HR 22 	1.5	4/0	1 x 75 cm	Violet	DX 5261 DX 5262	
	2	3/0	1 x 75 cm	Violet		
	2	3/0	1 x 90 cm	Violet	DX 5264	
HR 26 	2	3/0	1 x 75 cm	Violet	DX 0366 DX 0365	
	3	2/0	1 x 75 cm	Violet		
2 x HR 26 	3	2/0	1 x 75 cm	Violet	DX 5269	
	1.5	4/0	1 x 90 cm	Violet	DX 5271 DX 5270	
2	3/0	1 x 90 cm	Violet			



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Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: $\frac{1}{2}$ circle, round body needle						
 HR 27	1.5	4/0	1 x 75 cm	Violet	DX 0265	
	2	3/0	1 x 75 cm	Violet	DX 0266	
	3	2/0	1 x 75 cm	Violet	DX 0267	
	3.5	0	1 x 75 cm	Violet	DX 0268	
	4	1	1 x 75 cm	Violet	DX 0369	
 2 x HR 27	1.5	4/0	1 x 75 cm	Violet	DX 5265	
	2	3/0	1 x 75 cm	Violet	DX 5266	
	3	2/0	1 x 75 cm	Violet	DX 5267	
	1.5	4/0	1 x 90 cm	Violet	DX 5295	
	2	3/0	1 x 120 cm	Violet	DX 5297	
 HR 30	1.5	4/0	1 x 75 cm	Violet	DX 0269	
	2	3/0	1 x 75 cm	Violet	DX 0270	
	3	2/0	1 x 75 cm	Violet	DX 0271	
	3.5	0	1 x 75 cm	Violet	DX 0272	
	4	1	1 x 75 cm	Violet	DX 0273	
 2 x HR 30	2	3/0	1 x 90 cm	Violet	DX 5275	
 HR 37	2	3/0	1 x 75 cm	Violet	DX 0264	
	3.5	0	1 x 75 cm	Violet	DX 0356	
 HR 40	3	2/0	1 x 75 cm	Violet	DX 0275	
	3.5	0	1 x 75 cm	Violet	DX 0276	
	4	1	1 x 75 cm	Violet	DX 0277	
	3	2/0	1 x 90 cm	Violet	DX 0375	
	4	1	1 x 90 cm	Violet	DX 0377	
	4	1	1 x 150 cm	Violet	DX 0279	
 HR 45	5	2	1 x 90 cm	Violet	DX 0378	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ circle, round body needle						

 HR 50	4	1	1 x 90 cm	Violet	DX 0380	
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 HR 65	4	1	1 x 150 cm	Violet	DX 4547	Loop
	4	1	1 x 250 cm	Violet	DX 4546	Loop

HR s: ½ circle, round body needle - slim						
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 HR s 18	1.5	4/0	1 x 75 cm	Violet	DX 1256	Slim needle
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 HR s 22	2	3/0	1 x 75 cm	Violet	DX 1262	Slim needle
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 HR s 27	2	3/0	1 x 75 cm	Violet	DX 1272	Slim needle
	3	2/0	1 x 75 cm	Violet	DX 1273	

HRX: ½ circle, round body needle - extra strong						
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 HRX 27	3	2/0	1 x 75 cm	Violet	DX 0430	
	3.5	0	1 x 75 cm	Violet	DX 0431	
	4	1	1 x 75 cm	Violet	DX 0432	


 HRX 35	3.5	0	1 x 75 cm	Violet	DX 0281	
	4	1	1 x 75 cm	Violet	DX 0282	
 HRX 37	3.5	0	1 x 90 cm	Violet	DX 0381	


 HRX 37	4	1	1 x 90 cm	Violet	DX 0384	
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Needle	EP	USP	Length	Colour	Cat. No	Other information
HRX: $\frac{1}{2}$ circle, round body needle - extra strong						

	3.5	0	1 x 75 cm	Violet	DX 0285	
	3.5	0	1 x 90 cm	Violet	DX 0385	
	4	1	1 x 90 cm	Violet	DX 0386	
	5	2	1 x 90 cm	Violet	DX 0387	
	3.5	0	1 x 150 cm	Violet	DX 4035	Loop
	4	1	1 x 150 cm	Violet	DX 4040	Loop
	4	1	1 x 240 cm	Violet	DX 4024	Loop

	4	1	1 x 90 cm	Violet	DX 0390	
	5	2	1 x 90 cm	Violet	DX 0391	

	3.5	0	1 x 90 cm	Violet	DX 0400	
	3.5	0	1 x 150 cm	Violet	DX 4135	Loop
	4	1	1 x 150 cm	Violet	DX 4140	Loop

	3.5	0	1 x 90 cm	Violet	DX 0394	
	4	1	1 x 90 cm	Violet	DX 0395	
	5	2	1 x 90 cm	Violet	DX 0396	
	3.5	0	1 x 150 cm	Violet	DX 1392	
	3.5	0	1 x 150 cm	Violet	DX 4535	Loop
	4	1	1 x 150 cm	Violet	DX 4540	Loop
	5	2	1 x 150 cm	Violet	DX 4550	Loop
	4	1	1 x 200 cm	Violet	DX 4542	Loop








	4	1	1 x 150 cm	Violet	DX 4543	Loop
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Absorbable - Polydox monofilament

Needle	EP	USP	Length	Colour	Cat. No	Other information
HRT: ½ circle, round body needle - tapercut						
HRT 25 	2	3/0	1 x 75 cm	Violet	DX 0581	
HRT 26 	3	2/0	1 x 75 cm	Violet	DX 0572	
HRT 37 	4	1	1 x 90 cm	Violet	DX 0599	
HRT 48 	4	1	1 x 90 cm	Violet	DX 0608	
HRTX: ½ circle, round body needle – tapercut, extra strong						
HRTX 40 	4	1	1 x 90 cm	Violet	DX 0610	
HRF: ½ circle, flattened body needle, taper point						
HRF 26 	2 3 3.5	3/0 2/0 0	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	DX 9266 DX 9267 DX 9268	
HRF 31 	3	2/0	1 x 75 cm	Violet	DX 9271	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
DR: 3/8 circle, round body needle						
2 x DR 10 	0.7	6/0	1 x 75 cm	Violet	DX 1120	
DR 12 	1 1.5	5/0 4/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0120 DX 0121	
DR 17 	1.5	4/0	1 x 75 cm	Violet	DX 0132	
DR 20 	1.5 3	4/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0141 DX 0143	
DRT: 3/8 circle, round body needle - tapercut						
DRT 13 	1	5/0	1 x 75 cm	Violet	DX 0521	
FR: 5/8 circle, round body needle						
2 x FR 27 	3	2/0	1 x 75 cm	Violet	DX 5367	
FR 65 	3.5	0	1 x 150 cm	Violet	DX 4635	Loop
GR: Straight, round body needle						
2 x GR 60 	2	3/0	1 x 75 cm	Violet	DX 5396	
KR: Ski, round body needle						
KR 27 	2	3/0	1 x 40 cm	Violet	DX 4630	Loop
JRT: Hook shaped, round body needle - tapercut						
JRT 30 	4	1	1 x 75 cm	Violet	DX 0694	









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Needle	EP	USP	Length	Colour	Cat. No	Other information
HS: ½ circle, reverse cutting needle						
HS 18 	1.5	4/0	1 x 75 cm	Violet	DX 0155	
HS 21 	2	3/0	1 x 75 cm	Violet	DX 0166	
HS 22 	2 3	3/0 2/0	1 x 45 cm 1 x 45 cm	Violet Violet	DX 0167 DX 0170	
HS 27 	3	2/0	1 x 75 cm	Violet	DX 0168	
HS 30 	2 3	3/0 2/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0171 DX 0172	
HS 37 	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	DX 0177 DX 0178 DX 0179	
	3.5	0	1 x 90 cm	Violet	DX 1178	
HS 40 	4	1	1 x 75 cm	Violet	DX 0180	
HS 48 	4	1	1 x 90 cm	Violet	DX 0184	

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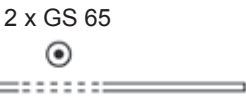
Needle	EP	USP	Length	Colour	Cat. No	Other information	
DS: 3/8 circle, reverse cutting needle							
 DS 15	1	5/0	1 x 45 cm	Violet	DX 0190		
	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0196 DX 0197		
 DS 16	1	5/0	1 x 45 cm	Violet	DX 0198		
	1 1.5 2	5/0 4/0 3/0	1 x 45 cm 1 x 45 cm 1 x 45 cm	Violet Violet Violet	DX 0210 DX 0211 DX 0212		
 DS 19	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0215 DX 0216		
	2 3	3/0 2/0	1 x 45 cm 1 x 45 cm	Violet Violet	DX 0222 DX 0223		
 DS 25	1.5 2 3 3.5 4	4/0 3/0 2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet Violet	DX 0226 DX 0227 DX 0228 DX 0229 DX 0230		
	 DS 30	3 3.5 4	2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet	DX 0232 DX 0234 DX 0235	
		DSC: 3/8 circle, conventional cutting needle					
		 DSC 25	3	2/0	1 x 75 cm	Violet	DX 8228



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Needle	EP	USP	Length	Colour	Cat. No	Other information
DSM: 3/8 circle, reverse cutting needle - micropoint						
 DSM 12	0.7 1	6/0 5/0	1 x 45 cm 1 x 45 cm	Violet Violet	DX 0201 DX 0202	Advanced cutting needle
 DSM 15	1.5	4/0	1 x 45 cm	Violet	DX 0206	Advanced cutting needle
 DSM 19	1.5 2	4/0 3/0	1 x 75 cm 1 x 75 cm	Violet Violet	DX 0207 DX 0208	Advanced cutting needle
GS: Straight, reverse cutting needle						
 2 x GS 65	2	3/0	1 x 75 cm	Violet	DX 3242	
Minimal invasive surgery						
	3.5 4	0 1	1 x 70 cm 1 x 70 cm	Violet Violet	MS 0134 MS 0135	Loop Loop





VMG

Vitrex Medical Group



VMG Vitrex Medical Group

CTI group has per November 2024 been renamed to “VMG Vitrex Medical Group”. The strategy of the group remains the same - to develop and distribute healthcare products of great quality. The vision of the group has changed and instead of being a group of individual companies, the vision is to create “one team” by migrating the companies’ in terms of strategy, values, departments, processes, know-how and capabilities.

As VMG Vitrex Medical Group, we strive to be the leading European medical device & IVD manufacturing group, developing, producing and supplying high-quality healthcare products and tailor-made med-tech solutions that embody special expertise, reliability, trustworthiness and are made with respect and dedication to enhance the life of healthcare professionals and their patients worldwide.





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VMG Vitrex Medical Group

Manufacturing sites

CHIRANA T. Injecta, Slovakia

CHIRANA T. Injecta is a global, state of the art manufacturer of healthcare products, which was founded in 1935.

In 1947 CHIRANA T. Injecta started manufacturing glass syringes and they have ever since focused on development and production of high quality, disposable syringes, needles and metal tubes for the healthcare sector and med-tech companies.

VITREX Medical, Denmark

Vitrex Medical was founded in 1967, where they started producing resistors for televisions, which later on evolved to producing capillary tubes to transport liquids.

With more than 50 years of experience Vitrex Medical has become the largest manufacturer of capillary tubes in the world today by developing equipment, establishing technologies, and optimizing production processes.

CHIRANA T. Injecta, Czech Republic

CHIRANA T. Injecta was founded in 1930. Since the early 1990s they have made substantial investments in upgrading the production resources, enabling the company to offer products in a unique quality.

Their more than 90 years of experience with manufacturing sutures has resulted in top priority within quality control, product development and sutures manufactured in line with state of the art technology.





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