

Polydiox

Polydiox
monofilament

Polydiox

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polydiox





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.



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












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Absorbable - 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	
	1	5/0	1 x 75 cm	Violet	DX 0247	
 HR 13	1	5/0	1 x 45 cm	Violet	DX 0248	
	0.7	6/0	1 x 75 cm	Violet	DX 0249	
	1	5/0	1 x 75 cm	Violet	DX 0250	
 2 x HR 13	1.5	4/0	1 x 75 cm	Violet	DX 0251	
	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	
	1.5	4/0	1 x 75 cm	Violet	DX 0258	
	2	3/0	1 x 75 cm	Violet	DX 0259	
 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	
	1.5	4/0	1 x 75 cm	Violet	DX 0256	
 HR 22	1.5	4/0	1 x 75 cm	Violet	DX 0261	
	2	3/0	1 x 75 cm	Violet	DX 0262	
	3	2/0	1 x 75 cm	Violet	DX 0263	
 2 x HR 22	1.5	4/0	1 x 75 cm	Violet	DX 5261	
	2	3/0	1 x 75 cm	Violet	DX 5262	
 2 x HR 22	2	3/0	1 x 90 cm	Violet	DX 5264	
	2	3/0	1 x 90 cm	Violet	DX 5264	
 HR 26	2	3/0	1 x 75 cm	Violet	DX 0366	
	3	2/0	1 x 75 cm	Violet	DX 0365	
 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	
	2	3/0	1 x 90 cm	Violet	DX 5270	









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Needle	EP	USP	Length	Colour	Cat. No	Other information
HR: ½ 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	
 2 x HR 27	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	
 HR 40	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	
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						
HR s 18 	1.5	4/0	1 x 75 cm	Violet	DX 1256	Slim needle
HR s 22 	2	3/0	1 x 75 cm	Violet	DX 1262	Slim needle
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						
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	
	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: ½ circle, round body needle - extra strong							
 <p>HRX 40</p>	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	
	 <p>HRX 45</p>	4	1	1 x 90 cm	Violet	DX 0390	
		5	2	1 x 90 cm	Violet	DX 0391	
		 <p>HRX 48</p>	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	
 <p>HRX 50</p>	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	Loop	
	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	
 <p>HRX 70</p>	4	1	1 x 150 cm	Violet	DX 4543	Loop	











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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 	2 3 3.5 4	3/0 2/0 0 1	1 x 75 cm 1 x 75 cm 1 x 75 cm 1 x 75 cm	Violet Violet Violet Violet	DX 0227 DX 0228 DX 0229 DX 0230	
	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