

## 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
<b>HR: ½ circle, round body needle</b>						
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	
1.5	4/0	1 x 75 cm	Violet	DX 0251		
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	
	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 3/0 1 x 90 cm Violet DX 5264	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
<b>HR: ½ circle, round body needle</b>						
 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
<b>HR: ½ circle, round body needle</b>						
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
<b>HR s: ½ circle, round body needle - slim</b>						
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	
<b>HRX: ½ circle, round body needle - extra strong</b>						
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	
<b>HRX: ½ circle, round body needle - extra strong</b>							
 <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	
		HRX 48	3.5	0	1 x 90 cm	Violet	DX 0400
 <p>HRX 48</p>	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	
 <p>HRX 50</p>	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
<b>HRT: ½ circle, round body needle - tapercut</b>						
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	
<b>HRTX: ½ circle, round body needle – tapercut, extra strong</b>						
HRTX 40 	4	1	1 x 90 cm	Violet	DX 0610	
<b>HRF: ½ circle, flattened body needle, taper point</b>						
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
<b>DR: 3/8 circle, round body needle</b>						
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	
<b>DRT: 3/8 circle, round body needle - tapercut</b>						
DRT 13 	1	5/0	1 x 75 cm	Violet	DX 0521	
<b>FR: 5/8 circle, round body needle</b>						
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
<b>GR: Straight, round body needle</b>						
2 x GR 60 	2	3/0	1 x 75 cm	Violet	DX 5396	
<b>KR: Ski, round body needle</b>						
KR 27 	2	3/0	1 x 40 cm	Violet	DX 4630	Loop
<b>JRT: Hook shaped, round body needle - tapercut</b>						
JRT 30 	4	1	1 x 75 cm	Violet	DX 0694	

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Needle	EP	USP	Length	Colour	Cat. No	Other information
<b>HS: ½ circle, reverse cutting needle</b>						
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
<b>DS: 3/8 circle, reverse cutting needle</b>						
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	
	DS 19 	1	5/0	1 x 45 cm	Violet	DX 0210
1.5		4/0	1 x 45 cm	Violet	DX 0211	
2		3/0	1 x 45 cm	Violet	DX 0212	
DS 25 	1.5	4/0	1 x 75 cm	Violet	DX 0215	
	2	3/0	1 x 75 cm	Violet	DX 0216	
	DS 25 	2	3/0	1 x 45 cm	Violet	DX 0222
3		2/0	1 x 45 cm	Violet	DX 0223	
2		3/0	1 x 75 cm	Violet	DX 0227	
3		2/0	1 x 75 cm	Violet	DX 0228	
DS 30 	3.5	0	1 x 75 cm	Violet	DX 0229	
	4	1	1 x 75 cm	Violet	DX 0230	
	3	2/0	1 x 75 cm	Violet	DX 0232	
	3.5	0	1 x 75 cm	Violet	DX 0234	
DS 30 	4	1	1 x 75 cm	Violet	DX 0235	
	<b>DSC: 3/8 circle, conventional cutting needle</b>					
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
<b>DSM: 3/8 circle, reverse cutting needle - micropoint</b>						
 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
<b>GS: Straight, reverse cutting needle</b>						
 2 x GS 65	2	3/0	1 x 75 cm	Violet	DX 3242	
<b>Minimal invasive surgery</b>						
	3.5 4	0 1	1 x 70 cm 1 x 70 cm	Violet Violet	MS 0134 MS 0135	Loop Loop