

Spectra/Por® Standard RC Dialysis Tubing (Dry Rolls)

Multi-purpose dialysis tubing ideal for a variety of applications and volumes.

Product Specifications

Membrane Type	MWCO	15 Flat Widths (mm)	Properties
Spectra/Por 1	6 – 8 kD	10, 23, 32, 40, 50, 100, 120	Standard RC with glycerol for general dialysis
Spectra/Por 2	12 – 14 kD	10, 25, 45, 105, 120	Standard RC with glycerol in multiple configurations and/or high permeability
Spectra/Por 3	3.5 kD	18, 45, 54	Standard RC with or without glycerol for general dialysis
Spectra/Por 4	12 – 14 kD	10, 25, 32, 45, 75	Standard RC with glycerol for general dialysis
Spectra/Por 5	12 – 14 kD	75, 140	Standard RC without glycerol, reinforced with porous fiber for large volume and weight

Properties: Hydrophilic, symmetric porosity

Quantity: 15 or 30 m roll (depending on Type and Flat Width)

Packaging: Dry with glycerol (rinse out with water) or without glycerol

NEW! Spectra/Por® Standard RC Dialysis Trial Kits

Short lengths of standard RC Dialysis tubing for membrane application evaluation

Product Specifications

Kit Includes: 1 or 5 m roll of Spectra/Por 1, 2 or 3

1 standard Spectra/Por Closure & 1 weighted Spectra/Por Closure or 2 standard Spectra/Por Closures

5 opening picks (Spectra/Por 6 & 7 trial kits only)



NEW!

Ordering Information: Spectra/Por® 1, 2, 3, 4 & 5 Tubing & Dialysis Kits

	MWCO	Glycerol	Flat Width (mm)	Diameter (mm)	Vol/Length (ml/cm)	Part No.		Trial Kits		NEW Trial Kits	
						15 m/roll	30 m/roll	5 m/roll	1 m/roll	5 m/roll	1 m/roll
Standard RC Membrane Dialysis Tubing	Spectra/Por® 1	6 - 8 kD	10	6.4	0.32	132645	-	132645T	132645T1	-	-
			23	14.6	1.7	-	132650	132650T	132650T1	-	-
			32	20.4	3.3	-	132655	132655T	132655T1	-	-
			40	25.5	5.1	-	132660	132660T	132660T1	-	-
			50	32	7.9	-	132665	132665T	132665T1	-	-
			100	64	32	132670	-	132670T	132670T1	-	-
Spectra/Por® 2	12 - 14 kD	yes	10	6.4	0.32	132676	-	132676T	132676T1	-	-
		yes	25	16	2.0	132678	-	132678T	132678T1	-	-
		yes	45	29	6.4	132680	-	132680T	132680T1	-	-
		yes	105	67	34	132682	-	132682T	132682T1	-	-
Spectra/Por® 3	3.5 kD	yes	18	11.5	1.1	132720	-	132720T	132720T1	-	-
		no	45	29	6.4	132724	-	132724T	132724T1	-	-
		no	54	34	9.3	132725	-	132725T	132725T1	-	-
Spectra/Por® 4	12 - 14 kD	yes	10	6.4	0.32	-	132697	-	-	-	-
		yes	25	16	2.0	-	132700	-	-	-	-
		yes	32	20.4	3.3	-	132703	132703T	132703T1	-	-
		yes	45	29	6.4	-	132706	-	-	-	-
		yes	75	48	18	132709	-	132709T	132709T1	-	-
Spectra/Por® 5	12 - 14 kD	no	75	48	18	132754	-	132754T	132754T1	-	-
		no	140	89	62	132757	-	132757T	132757T1	-	-

Standard RC Dialysis Tubing, Pre-treated (Wet Rolls)

Product Specifications: 2 Treatment Types

Spectra/Por® 6: Pre-wetted

8 MWCO's: 1 kD, 2 kD, 3.5 kD, 8 kD, 10 kD, 15 kD, 25 kD & 50 kD

13 Flat Widths: 8 mm, 10mm, 12 mm, 18 mm, 24 mm, 28 mm, 32 mm, 34 mm, 38 mm, 40 mm, 45 mm, 50 mm & 54 mm

Properties: Standard RC in 0.05% sodium azide, pre-wetted

Qty & Pkg: 10 m roll, wet in 0.05% sodium azide

Spectra/Por® 7: Pre-treated to reduce trace-level contaminants

8 MWCO's: 1 kD, 2 kD, 3.5 kD, 8 kD, 10 kD, 15 kD, 25 kD & 50 kD

12 Flat Widths: 8 mm, 12 mm, 18 mm, 24 mm, 28 mm, 32 mm, 34 mm, 38 mm, 40 mm, 45 mm, 50 mm & 54 mm

Properties: Standard RC in 0.05% sodium azide, pre-treated to minimize heavy metals & sulfides

Qty & Pkg: 5 m roll, wet in 0.05% sodium azide



Ordering Information: Spectra/Por® 6 & Spectra/Por® 7 Tubing

MWCO (kD)	Flat Width (mm)	Diameter (mm)	Volume/Length (ml/cm)	Spectra/Por® 6		Spectra/Por® 7	
				(pre-wetted)	trial kits	(pre-cleaned)	trial kits
1	18	11.5	1.1	132636	132636T	132103	132103T
	38	24	4.6	132638	132638T	132104	132104T
	45	29	6.4	132640	132640T	132105	132105T
2	18	11.5	1.1	132620	132620T	132107	132107T
	38	24	4.6	132625	132625T	132108	132108T
	45	29	6.4	132633	132633T	132109	132109T
3.5	18	11.5	1.1	132590	132590T	132110	132110T
	45	29	6.4	132592	132592T	132111	132111T
	54	34	9.3	132594	132594T	132112	132112T
8	8	5.1	0.20	-	-	-	-
	12	7.5	0.45	132579	132579T	132113	132113T
	18	11.5	1.1	128058	-	128358	-
	24	15	1.8	132580	132580T	132114	132114T
	32	20.4	3.3	132582	132582T	132115	132115T
	40	25.5	5.1	132584	132584T	132116	132116T
10	8	5.1	0.20	-	-	-	-
	12	7.5	0.45	132570	132570T	132117	132117T
	18	11.5	1.1	128118	-	128418	-
	24	15	1.8	132572	132572T	132118	132118T
	32	20.4	3.3	132574	132574T	132119	132119T
	45	29	6.4	132576	132576T	132120	132120T
15	8	5.1	0.20	-	-	-	-
	12	7.5	0.45	132560	132560T	132121	132121T
	18	11.5	1.1	128158	-	128458	-
	24	15	1.8	132562	132562T	132122	132122T
	32	20.4	3.3	132564	132564T	132123	132123T
	45	29	6.4	132566	132566T	132124	132124T
25	8	5.1	0.20	-	-	-	-
	12	7.5	0.45	132550	132550T	132125	132125T
	18	11.5	1.1	128218	-	128518	-
	24	15	1.8	-	-	-	-
	28	18	2.5	132552	132552T	132126	132126T
	34	22	3.7	132554	132554T	132127	132127T
50	10	6.4	0.32	132539	-	-	-
	12	7.5	0.45	132540	132540T	132128	132128T
	28	18	2.5	132542	132542T	132129	132129T
				132544	132544T	132130	132130T
Qty				10 m	1 m	5 m	1 m

Universal Closures

Specially designed with gentle sealing ridges, Universal Closures are the ideal all-purpose closure that create a reliable seal for all membrane grades, types and thicknesses of tubing. Available in a variety of colors for easy sample identification.

Product Specifications

Functional Benefit: Universal, seals all tubing membrane types
 Membrane Types: Biotech CE & RC; Standard RC
 4 Sealing Widths: 50 mm, 70 mm, 110 mm, 150 mm
 6 Colors: White, Red, Yellow, Blue, Green, Black
 Qty: 10/pkg
 Material: Nylon
 Temperature: 0 - 90 °C
 Sterilization: Gamma irradiation or ethylene oxide (not autoclavable)



Ordering Information: Universal Closures

Universal Closures	Color	Closure Sealing Width				Qty
		50 mm	70 mm	110 mm	150 mm	
Required for Biotech Grade RC & CE Dialysis Tubing	White	142150	142170	142110	142250	10/pkg
	Red	142152	142172	142112	142252	
	Yellow	142153	142173	142113	142253	
	Blue	142154	142174	-	-	
	Green	142155	142175	-	-	
	Black	142156	142176	-	-	

SpectraPor® Closures

3 functional types & one pair combination for use with Standard RC.

Weighted Closure Type

Autoclavable, Spectra/Por Weighted Closures encase an acid-washed, fluorocarbon coated, stainless steel bar. When applied to the bottom end of the dialysis tubing, the Weighted Closure acts like an anchor to maintain a vertical orientation of the sample.

Product Specifications

Functional Benefit: Weighted for vertical sample orientation
 Membrane Types: Standard RC only
 5 Sealing Widths: 12 mm, 23 mm, 35 mm, 55 mm, 75 mm
 1 Color: White
 Qty: 10/pkg
 Material: Polypropylene
 Temperature: 0 - 121°C (autoclavable)

Magnetic Closure Type

Autoclavable, Spectra/Por Magnetic - Weighted Closures contain a magnetic fluorocarbon coated stainless steel bar, eliminating the need for conventional stir bars. Applied to the bottom end of the dialysis tubing, this closure provides complete submersion and gentle rotation of the sample on a stir plate.

Product Specifications

Functional Benefit: Weighted & magnetic for submersion & stirring
 Membrane Types: Standard RC only
 4 Sealing Widths: 23 mm, 35 mm, 55 mm, 75 mm
 1 Color: Red
 Qty: 2/pkg
 Material: Polypropylene

Standard Closure Type

Since Spectra/Por Standard Closures float, they aid in buoyancy and vertical orientation when applied to the tubing top end. Autoclavable and available in a variety of colors for easy sample identification.

Product Specifications

Functional Benefit: Sample buoyancy & vertical orientation
 Membrane Types: Standard RC only
 5 Sealing Widths: 12 mm, 23 mm, 35 mm, 55 mm, 75 mm
 4 Colors: orange, white, green, blue
 Qty: 10/pkg
 Material: Polypropylene
 Temperature: 0 - 121°C (autoclavable)

Paired Standard & Weighted Closures

The ultimate sample buoyancy and vertical orientation can be achieved by applying both a Standard and a Weighted Spectra/Por Closure to opposite ends of the same dialysis tubing. The Paired Closures are autoclavable.

Product Specifications

Functional Benefit: Buoyancy and vertical orientation
 Membrane Types: Standard RC only
 5 Sealing Widths: 12 mm, 23 mm, 35 mm, 55 mm, 75 mm
 Paired colors: Orange/White
 Qty: 10 standard & weighted pairs/pkg
 Material: Polypropylene
 Temperature: 0 - 121°C (autoclavable)

Ordering Information: Spectra/Por® Closures (Standard, Weighted, Magnetic & Paired)

Spectra/Por® Closures (only use with Standard Grade RC Tubing)	Color	Closure Sealing Width						Qty
		12 mm	23 mm	35 mm	55 mm	75 mm	90 mm	
Standard Type	Orange	132734	132735	132736	132737	132738	132739	10/pkg
	White	142734	142735	142736	142737	142738	142739	
	Green	142834	142835	142836	142837	142838	142839	
	Blue	142934	142935	142936	142937	142938	142939	
Weighted Type	White	132742	132743	132744	132745	132746	132747	10/pkg
Magnetic Type	Red	-	132760	132762	132764	132766	-	2/pkg
Paired Standard & Weighted	Orange/White	132749	132750	132751	132752	132753	132748	10 pairs/pkg



Biotech Dialysis Tubing

Product Specifications: 2 Membrane Types

Cellulose Ester (CE)

Properties: Hydrophilic, symmetric porosity
 9 MWCO's: 0.1 - 0.5 kD, 0.5 - 1 kD, 3.5 - 5 kD, 8 - 10 kD, 20 kD, 50 kD, 100 kD, 300 kD & 1000 kD
 4 Flat Widths: 10 mm, 16 mm, 24 mm & 31 mm
 Qty/Pkg: 10 m/roll, wet in 0.05% sodium azide

Regenerated Cellulose (RC)

Properties: Hydrophilic, symmetric porosity
 3 MWCO's: 3.5 - 5 kD, 8 - 10 kD & 20 kD
 2 Flat Widths: 10 mm & 16 mm
 Qty/Pkg: 5 m/roll, dry with glycerin



Ordering Information: Biotech Dialysis Tubing

	MWCO (kD)	Tubing Dimensions: Flat Width / Diameter / Volume per length				
		10 mm 6.4 mm 0.32 ml/cm	16 mm 10 mm 0.79 ml/cm	24 mm 15 mm 1.8 ml/cm	31 mm 20 mm 3.1 ml/cm	
CE Tubing	0.1 - 0.5	131048	131054	131057	131060	10 m (wet)
	0.5 - 1.0	131084	131090	131093	131096	
	3.5 - 5	131192	131198	131201	131204	
	8 - 10	131264	131270	131273	131276	
	20	131336	131342	131345	131348	
	50	131372	131378	131381	131384	
RC Tubing	100	131408	131414	131417	131420	5 m (dry)
	300	-	131450	-	131456	
	1000	-	131486	-	131492	
	3.5 - 5	133192	133198	-	-	
	8 - 10	133264	133270	-	-	
	20	133336	133342	-	-	

NEW! Biotech Dialysis Trial Kits

Provides shorter length of Biotech CE or RC Dialysis tubing for membrane/application evaluation.

Product Specifications: 2 Membrane Types

Kit Includes: Biotech dialysis tubing (CE or RC)
 2 tubing closures
 5 opening picks

Cellulose Ester (CE)

Properties: Hydrophilic, symmetric porosity
 9 MWCO's: 0.1 - 0.5 kD, 0.5 - 1 kD, 3.5 - 5 kD, 8 - 10 kD, 20 kD, 50 kD, 100 kD, 300 kD & 1000 kD
 1 Flat Width: 16 mm
 Qty/Kit: 1 m/roll, wet in 0.05% sodium azide

Regenerated Cellulose (RC)

Properties: Hydrophilic, symmetric porosity
 3 MWCO's: 3.5 - 5 kD, 8 - 10 kD & 20 kD
 1 Flat Width: 16 mm
 Qty/Kit: 0.5 m/roll, dry with glycerin



Ordering Information: Biotech Dialysis Trial Kits

	MWCO (kD)	Tubing Dimensions: Flat Width / Diameter / Volume per length				
		10 mm 6.4 mm 0.32 ml/cm	16 mm 10 mm 0.79 ml/cm	24 mm 15 mm 1.8 ml/cm	31 mm 20 mm 3.1 ml/cm	
CE Trial Kit	0.1 - 0.5	131048T	131054T	131057T	131060T	1 m (wet)
	0.5 - 1.0	131084T	131090T	131093T	131096T	
	3.5 - 5	131192T	131198T	131201T	131204T	
	8 - 10	131264T	131270T	131273T	131276T	
	20	131336T	131342T	131345T	131348T	
	50	131372T	131378T	131381T	131384T	
RC Trial Kit	100	131408T	131414T	131417T	131420T	0.5 m (dry)
	300	-	131450T	-	131456T	
	1000	-	131486T	-	131492T	
	3.5 - 5	133192T	133198T	-	-	
RC Trial Kit	8 - 10	133264T	133270T	-	-	0.5 m (dry)
	20	133336T	133342T	-	-	

LABORATORY DIALYSIS

LABORATORY DIALYSIS

DIALYSIS TUBING CLOSURES

BIOTECH GRADE MEMBRANES