



TUBULAR ANODE/ CATHODE CELL

RisingSun tubular Anode/Cathode cell can be used in E-COAT paint system with most types of paints. It serves as the opposing electrode and simultaneously removes solubilizer (usually a common organic acid) from the paint to maintain chemical balance. We use American outstanding quality ion exchange membrane with low resistance, high permselectivity.



Open type feature: simple design with high cost performance

Union type feature: resistance to heavy pressure, high cycle efficiency, simple installation

Flange type feature: corrosion resistance, high cycle efficiency, can be used at bottom of paint tank

Bare type feature: resistance to heavy pressure with seamless Titanium with ruthenium coated electrode, corrosion resistance

Decoding of the product code: **RTA O- 2400- 1 A**

Brand & Configuration	Cell Type*	Effective Membrane Length* (mm)	Membrane Outer Diameter* (mm)	Electrode Outer Diameter* (mm)
RISINGSUN TUBULAR ANODE	OPEN	...	1=76 2=67	A=48
	UNION	1000		B=60
	FLANGE	2000		N=no electrode
	BARE	3000		
		...		

* As customer's request, the effective membrane length can reach 6000 mm

Decoding of the product code: **RTC U- 2000- 1 N**

Brand & Configuration	Cell Type*	Effective Membrane Length* (mm)	Membrane Outer Diameter* (mm)	Electrode Outer Diameter* (mm)
RISINGSUN TUBULAR CATHODE	OPEN	...	1=76 2=67	A=48
	UNION	1000		B=60
	FLANGE	2000		N=no electrode
	BARE	3000		
		...		

* As customer's request, the effective membrane length can reach 6000 mm

APPLICATION

>E-coat process in automobile, home appliances and other industries

ADVANTAGES

- >American outstanding quality ion exchange membrane
- >Available in various material of electrode (SS 316L / Titanium with Ruthenium coated.)
- >Available in various cell type of open, union, flange, bare, etc.
- >Integrated high strength support core tube with high porosity.
- >Low resistance, save energy
- >Simple and economic module replacement



SPIRAL E-COAT UF MEMBRANE

UF is a critical electrocoating technology because it recovers paint by a closed loop rinse system, and produces rinse waters from the e-coat bath itself, which can result in 95% or higher transfer efficiencies with no net water addition. Use of UF also controls paint bath conductivity by purging accumulated salts on an as-needed basis.



Spiral E-coat UF Membrane for Electrocoating process

Decoding of the product code: **S E G- U F- 7640 XX**

Configuration	Application	Outer Wrap	Membrane Type	Membrane Material	Size	Internal Code
SPIRAL	E-COAT	S =SANITARY NET G =GLASS FIBER F =FLANGE P = PVC HOUSING INTEGRATED	Ultrafiltration	F =PVDF N =PAN	4020 4.0"×20"	may be omitted
					4040 4.0"×40"	
					5640 5.6"×40"	
					7640 7.6"×40"	
					8040 8.0"×40"	
10040 10.0"×40"						

REPLACEMENTS REFERENCE

RisingSun Products	Replacements
SES-UF-4040	OSMONICS 416ED1
SES-UF-8040	OSMONICS 815ED1
SEG-UF-4040	PARKER EP4040-BSF1-H4
	SYNDER V62-4040H
	EDUF-4040-HE
SEG-UF-4051.5	SYNDER V62-4051.5H
SEG-UF-5640	PARKER EP5640-BS01-H5
	SYNDER V62-5640H
	PVDF400-5640-31F
	EDUF-5640-HE
SEG-UF-7640	PARKER EP7640-BS01-H7
	SYNDER V62-7640H
	PV400-7640-31D
	EDUF-7640-HE

RisingSun Products	Replacements
SEF-UF-7640	KOCH 7533-M183-LPF
	KOCH 7533-M300-LPF
	EDUF-7640-HF
SEG-UF-7647.5	PARKER EP76475-BS01-H7
	SYNDER V62-7647.5H
	EDUF-7647.5-HE
SEG-UF-8040	PARKER EP8040-BS05-H8
	KOCH 8040M-183-LPHN
	PV400-7940-31F
	EDUF-8040-HE
SEP-UF-8040	KOCH 8638 M-183-LPP
	KOCH 8638 M-300-LPP
	EDUF-8040-HP
SEP-UF-10040	KOCH 10738 M-183-LPP
	KOCH 10738 M-300-LPP

APPLICATION

>Electrocoat paints recover in automobile, home appliances and other industries

ADVANTAGES

- >Reliable membrane material with high chemical resistance
- >Various choices of module dimensions
- >Various choices of outer wrap style
- >Membranes have both positive and negative charge which can be used on anodic and cathodic electrocoat paints