



Sterile ReNu SU Technology cartridge

Ultra-low shear fluid path for
critical bioprocess

Quantum

ReNu
SU TECHNOLOGY

Make sterile connections in non-sterile environments

Plug and play with our ReNu SU (single-use) Technology cartridge assemblies, provided with aseptic connectors and sterility assurance

Sterile ReNu SU Technology cartridge

Sterile ReNu SU Technology cartridge assemblies guarantee quick and secure fluid path connections used in combination with the Quantum pump. These products are released based on a VDmax25 study as detailed by ANSI/AAMI/ISO 11137 guidelines, to provide a sterility assurance level (SAL) of 10^{-6} when gamma irradiated to a minimum of 25 kGy.

Standard ReNu SU cartridge assemblies include a range of aseptic connectors which enable sterile connections to be made even in controlled non-classified (CNC) spaces.

- Options of industry recognised aseptic connectors from CPC, PALL and GE
- ISO Class 7 cleanroom manufactured and packaged assemblies, with lot traceability on every component



CPC AseptiQuik®



GE Readymate™



Pall Kleenpak Presto™

puresu® : Specify your own fluid path

Drawing on considerable single-use expertise, BioPure's puresu provides the flexibility of custom tube assemblies to suit your bioprocessing needs.

- Ready-to-use assemblies provided with a sterility assurance level (SAL) of 10^{-6}
- Integrate ReNu SU Technology cartridge directly into your customized fluid path
- Minimize risk and shorten your supply chain with assemblies manufactured from a library of validated fluid path components



ReNu SU Cartridge options

Partcode	Description	Additional details	End termination	Supplied tubing length	
33-1061-000001	RENU SU CARTRIDGE 600 20/3P	Clean room manufactured and functionally closed	2 x 3/4" TC sealed with Bioendcap	N/A	
33-1061-000002	RENU SU CARTRIDGE 600 20/3P, IRRADIATED	Gamma irradiated and released based on an exposure of 25 kGy to 45 kGy			
33-1062-000002	RENU SU 600 20/3P GAMMA WITH PRESTO IN/OUT STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu	2 x Kleenpak Presto Sterile Connector, 3/4" TC (PSC1G08)	N/A	
33-1062-000003	RENU SU 600 20/3P GAMMA WITH READYMATE IN/OUT STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu	2 x Readymate Disposable Aseptic Connector, 3/4" TC (28-9366-95)		
33-1062-000004	RENU SU 600 20/3P GAMMA WITH ASEPTIQUIK G IN/OUT STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu	2 x AseptiQuik G Genderless Connector, 3/4" TC (AQG33012)		
33-1063-000001	RENU SU 600 20/3P GAMMA ASEPTIQUIK G IN/OUT, 0.5/0.5 m STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu	2 x AseptiQuik G Genderless Connector, 3/4" TC (AQG33012)	BioPure 15.9mm ID Pt silicone single braided hose	0.5m
33-1063-000002	RENU SU 600 20/3P GAMMA ASEPTIQUIK G IN/OUT, 1.0/1.0 m STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu		1.0m	
33-1063-000003	RENU SU 600 20/3P GAMMA ASEPTIQUIK G IN/OUT, 2.0/2.0 m STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu		2.0m	
33-1063-000004	RENU SU 600 20/3P GAMMA ASEPTIQUIK G IN/OUT, 3.0/3.0 m STR*	Gamma irradiated at 25 kGy to 45 kGy and certified (SAL) level of 1×10^{-6} cfu		3.0m	

*STR denotes that this product is supplied with sterility assurance