

# 520 LoadSure Kit

## FEATURES AND BENEFITS

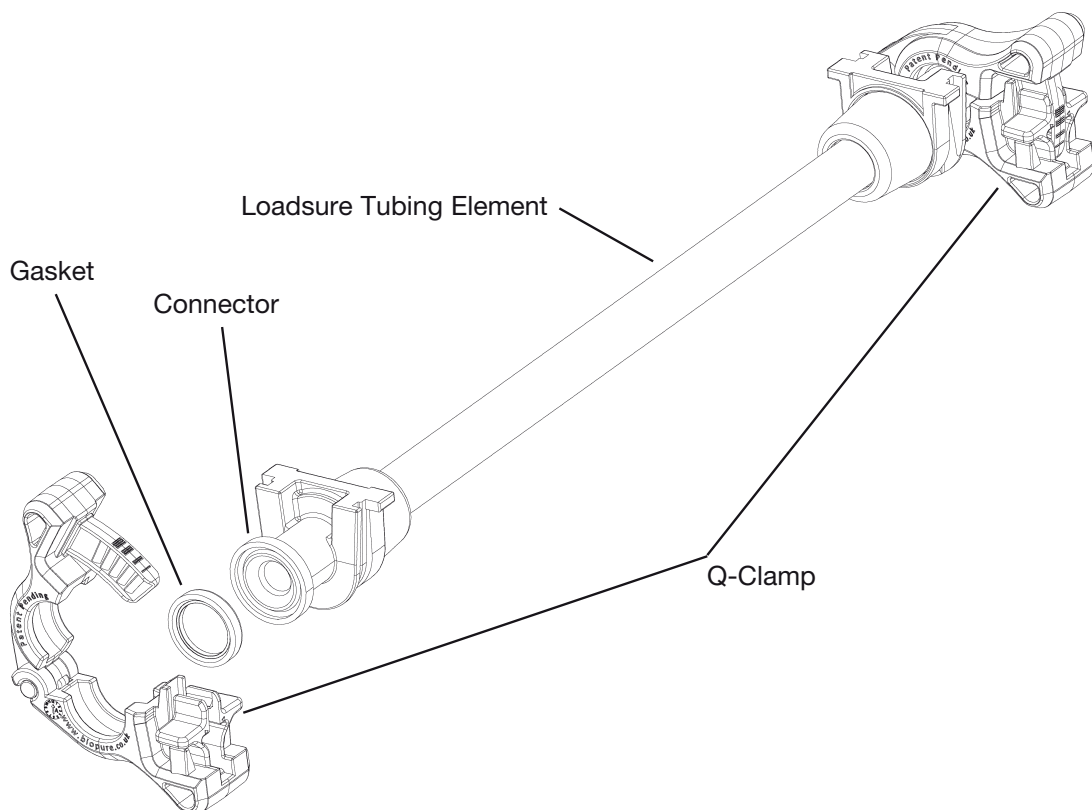
- LoadSure® elements for up to 7 bar (100psi) operation depending on tube size and material choice
- LoadSure elements for use with sanitary Tri-Clamp® connections
- Q-Clamp™ patented single-handed and tool free sanitary Tri-Clamp
- Q-Clamp ratchet position identification can aid junction validation\*
- High purity Platinum-cured silicone gasket is precision engineered to achieve a smooth bore, contamination free fluid path under clamping compression
- LOT numbering on all assemblies enables product traceability

\* Can be fitted with unique Q-Clamp tamper evident identification technology



*Watson-Marlow...Innovation in Full Flow*

## KIT DIAGRAM



## COMPLIANCE




- All fluid contacting components are produced from USP Class VI raw materials
- The LoadSure Kit is assembled and packed in an ISO 14644 Class 7 cleanroom
- Validation documentation available on request

## MATERIALS OF CONSTRUCTION

Product/component	Material	
LoadSure Tubing	Pumpsil	Platinum-cured silicone
	PureWeld XL	SEBS
	STA-PURE PCS	ePTFE and Platinum-cured silicone composite
LoadSure Connector	PVDF	
Gasket	Platinum-cured silicone	
Q-Clamp	Reinforced Nylon 66	

It is the user's responsibility to assess each individual kit component for compatibility with the intended processes. Please refer to individual product datasheets for technical specifications.

## ORDER INFORMATION


Pumphead identification for correct element ordering		
0-2 Bar (0-30psi)	2-4 Bar (30-60psi)	4-7 Bar (60-100psi)
		

Kit description				Kit contents quantities		
Item number	Pressure	Colour Code	Product name	LoadSure element	Q-Clamp	Gaskets
913.A032.PFT	0-2 Bar (0-30psi)		520 LoadSure Pumpsil 3.2mm Tri-Clamp element	1	2	2
913.A064.PFT	0-2 Bar (0-30psi)		520 LoadSure Pumpsil 6.4mm Tri-Clamp element			
913.A096.PFT	0-2 Bar (0-30psi)		520 LoadSure Pumpsil 9.6mm Tri-Clamp element			
941.0064.PFT	0-2 Bar (0-30psi)		520 Loadsure PureWeld XL 6.4mm Tri Clamp element			
941.0096.PFT	0-2 Bar (0-30psi)		520 Loadsure PureWeld XL 9.6mm Tri Clamp element			
961.0032.PFT	0-2 Bar (0-30psi)		520 LoadSure STA-PURE PCS 3.2mm Tri-Clamp element			
961.0064.PFT	0-2 Bar (0-30psi)		520 LoadSure STA-PURE PCS 6.4mm Tri-Clamp element			
961.0096.PFT	0-2 Bar (0-30psi)		520 LoadSure STA-PURE PCS 9.6mm Tri-Clamp element			
961.M032.PFT	2-4 Bar (30-60psi)		520 LoadSure STA-PURE PCS 3.2mm Tri-Clamp element			
961.M064.PFT	2-4 Bar (30-60psi)		520 LoadSure STA-PURE PCS 6.4mm Tri-Clamp element			
961.H032.PFT	4-7 Bar (60-100psi)		520 LoadSure STA-PURE PCS 3.2mm Tri Clamp element			

## ORDER INFORMATION – REPLACEMENT PARTS

BioPure high purity Platinum-cured silicone unflanged gasket			
Gasket part code	Gasket Size	Pack Size	I.D. x O.D.
5001.0075.025	¾"	25	0.620" x 0.852"

Q-Clamp		
Q-Clamp part code	Q-Clamp size	Pack Size
1032-0075-0010	½" - ¾"	10
1032-0075-0100		100

Q-Clamp – Optional Accessories		
Description	Part code	
Q-CLAMP TAMPER EVIDENT COVER, CLEAR, 100 PCS/PK	1033-0001-0100	
Q-CLAMP TAMPER EVIDENT COVER, BLUE, 100 PCS/PK	1033-0002-0100	
Q-CLAMP TAMPER EVIDENT COVER, GREY, 100 PCS/PK	1033-0003-0100	
Q-CLAMP TAMPER EVIDENT COVER, ORANGE, 100 PCS/PK	1033-0004-0100	
Q-CLAMP TAMPER EVIDENT COVER, YELLOW, 100 PCS/PK	1033-0005-0100	
Q-CLAMP TAMPER EVIDENT COVER, RED, 100 PCS/PK	1033-0006-0100	
Q-CLAMP TAMPER EVIDENT COVER, GREEN, 100 PCS/PK	1033-0007-0100	
Q-CLAMP TAMPER EVIDENT COVER, PURPLE, 100 PCS/PK	1033-0008-0100	

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