

520/620/720 Bioprene LoadSure Kit

FEATURES AND BENEFITS

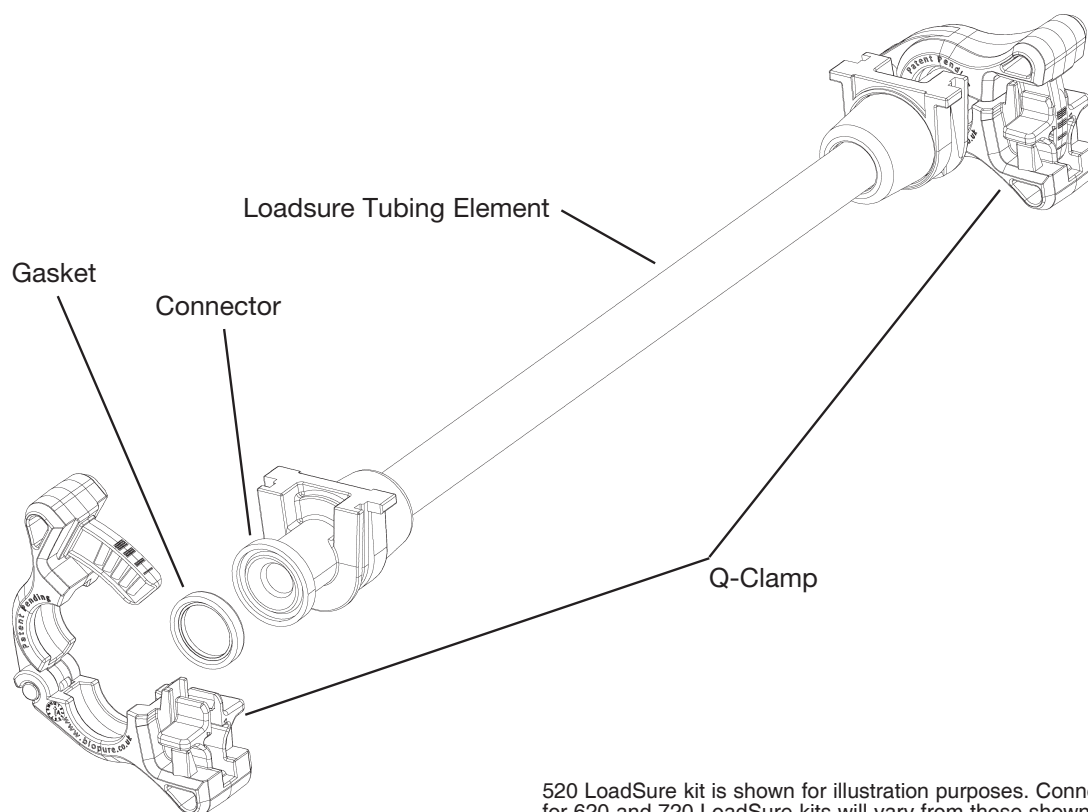
- LoadSure® elements for up to 7 bar (100psi) operation depending on tube size and material choice
- LoadSure elements for use with sanitary Tri-Clamp® connections
- Q-Clamp™ patented single-handed and tool free sanitary Tri-Clamp
- Q-Clamp ratchet position identification can aid junction validation*
- EPDM 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



520 LoadSure kit is shown for illustration purposes. Connector sizes for 620 and 720 LoadSure kits will vary from those shown.

COMPLIANCE




- All fluid contacting components are produced from USP Class VI raw materials
- The LoadSure Kit is assembled and packed in an ISO 14644-1 Class 7 cleanroom
- Validation documentation available on request

MATERIALS OF CONSTRUCTION

Product/component	Material	
LoadSure Tubing	Bioprene™	Santoprene (raw material)
LoadSure Connector	PVDF	
Gasket	EPDM	
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 (520 only)		
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
933.0032.PFT	0-2 Bar (0-30psi)		520 LoadSure Bioprene TL 3.2mm tri-clamp element	1	2 x 1/2-3/4"	2 x 3/4"
933.0064.PFT	0-2 Bar (0-30psi)		520 LoadSure Bioprene TL 6.4mm tri-clamp element			
933.0096.PFT	0-2 Bar (0-30psi)		520 LoadSure Bioprene TL 9.6mm tri-clamp element			
933.P032.PFT	2-4 Bar (30-60psi)		520 LoadSure Bioprene TM 3.2mm tri-clamp element			
933.P064.PFT	2-4 Bar (30-60psi)		520 LoadSure Bioprene TM 6.4mm tri-clamp element			
933.H032.PFT	4-7 Bar (60-100psi)		520 LoadSure Bioprene TH 3.2 tri-clamp element			
933.P120.PFT	0-4 Bar (0-60psi)	N/A	620 LoadSure Bioprene TM 12mm tri-clamp element			
933.P170.PFT	0-4 Bar (0-60psi)		620 LoadSure Bioprene TM 17mm tri-clamp element			
933.0120.PFT	0-2 Bar (0-30psi)		620 LoadSure Bioprene TL 12mm tri-clamp element			
933.0170.PFT	0-2 Bar (0-30psi)		620 LoadSure Bioprene TL 17mm tri-clamp element			
933.0127.PFT	0-2 Bar (0-30psi)		720 LoadSure Bioprene 12.7mm tri-clamp element			
933.0159.PFT	0-2 Bar (0-30psi)		720 LoadSure Bioprene 15.9mm tri-clamp element			
933.0190.PFT	0-2 Bar (0-30psi)		720 LoadSure Bioprene 19mm tri-clamp element			
933.0254.PFT	0-2 Bar (0-30psi)		720 LoadSure Bioprene 25.4mm tri-clamp element			
					2 x 1-1/2"	2 x 1 1/2"

ORDER INFORMATION — REPLACEMENT PARTS

BioPure high purity EPDM unflanged gasket			
Gasket part code	Gasket Size	Pack Size	I.D. x O.D.
42MPE-075-25	3/4"	25	0.620" x 0.852"
40MPE-150-25	1 1/2"	25	1.377" x 1.984"

Q-Clamp		
Q-Clamp part code	Q-Clamp size	Pack Size
1032-0075-0010	1/2-3/4"	10
1032-0075-0100		100
1032-0150-0010	1-1 1/2"	10
1032-0150-0050		50

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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