

Flat Composite (FC)

Specification	
Size Range	25mm to 800mm (1" to 32")
Burst Pressure Range	0.07 barg to 3.5 barg (1 psig to 50 psig)
Temperature Range	See our website for further details
Maximum Operating Ratio	40% of minimum burst pressure (36% of nominal burst pressure)
Fragmentation on Burst	Non-fragmenting design
Relief Valve Isolation	Suitable
Vacuum Service	Back pressure support required
Fluid Compatibility	Liquid, Gas or Vapour
K_R Values	2.2
Torque Sensitive	No
Cycle Life	Poor
Material Range	Stainless Steel as Standard. Others Available
Reversal Ratio	<1 (fail safe) Dependent on Back Pressure Support
Damage Ratio	<1 (fail safe)
Leak Tightness	Good
Performance Tolerance	+/- 10% (zero manufacturing design range)
Protective Linings	Not Available
Disc Surface Finish	N/A