



PAR◇FIT™
SmaRT 1000

The smart replacement for the Pall SRT UE Element Series

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



ENGINEERING YOUR SUCCESS.

The smart move

Now there's a smarter replacement for Pall SRT UE series elements: The Par Fit SmaRT1000 series. The result of engineering investment and innovation on a global scale, Par Fit SmaRT1000 elements combine the most advanced filter technology with universal availability and maximum affordability.



A straight swap for Pall.

The Par Fit SmaRT1000 series is a direct replacement for a wide range of the Pall SRT UE element series; but with important service and business advantages:

- Replacement for the Pall UE219, UE319 and UE619 series elements with the quality and performance you can expect from Parker
- Parker engineering, manufacturing quality and support – the assurance of product consistency and reliability, whatever the application, and wherever you are in the world
- Economical alternative, with extended replacement cycle and lower lifetime cost
- Incorporating the latest in micro fiber and static control technology for advanced filtration quality
- Short lead times – removing the need for expensive stockholding, and minimizing costly down time

The smart choice

The Par Fit SmaRT1000 series is designed as an exact fit for all standard Pall SRT filter housings, and specified to deliver outstanding durability, performance, efficiency and ease of use.

Smart by design

Pall UE219 and UE319 replacement elements feature a unique service tool. Supplied separately with every SmaRT1000 UE219 and UE319 replacement, the service tool makes the removal of the element from the filter housing a simple and clean process, and eliminates the risk of any direct contact with the contaminated element. The service tool also ensures that the element is held securely at all times during the replacement process.

For the Pall UE619 replacement elements, the increased material thickness of the extraction ring and support ribs provides added strength which ensures that the extraction ring remains connected to the rest of the element during the element removal - the Par Fit SmaRT1000 series element incorporates six ribs in comparison to only four in the original Pall design.

Service Tool

Preventing direct contact with the contaminated element, the user-friendly removal tool guarantees a firm grip during element service.

Pall UE619 Replacement Elements

Unique design which ensures the correct interaction with the original Pall filter housing enabling the element to be withdrawn from the housing as the housing cap is removed.

Extraction Ring

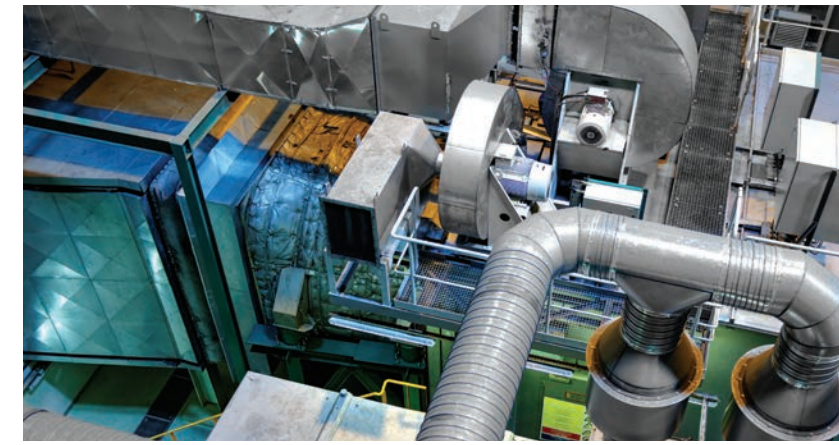
Extra support with six support ribs to ensure added strength during the replacement process.

Pall UE219 & UE319 Replacement Elements

Smart design with unique service tool supplied with each UE219 and UE319 replacement element.

SmaRT Media

Par Fit SmaRT1000 elements incorporate a multi-layered media pack made up of wire support layers, fiberglass pre-filter and efficiency layers and static control treatment to prevent the build-up of static in the hydraulic fluid.



The latest Microglass media technology

Our latest microglass media features a unique fiber composition which safeguards critical system components such as pumps and valves, while simultaneously reducing costly downtime. Benefits include:

- Pressure drop reduction
- Improved filtration efficiency at higher differential pressures
- Optimized distribution of contamination, delivering longer filter life

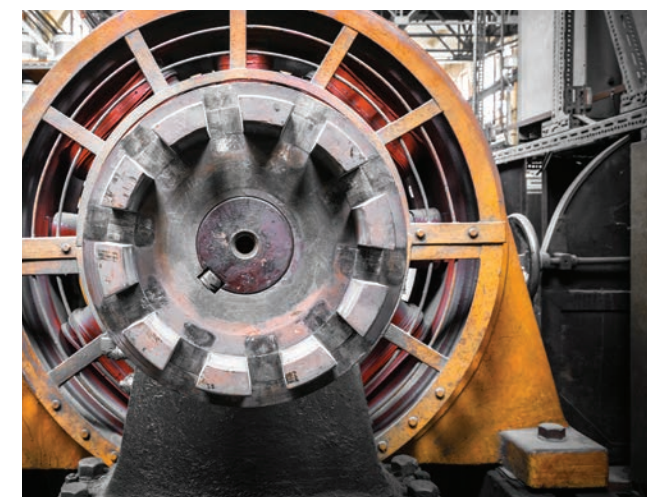
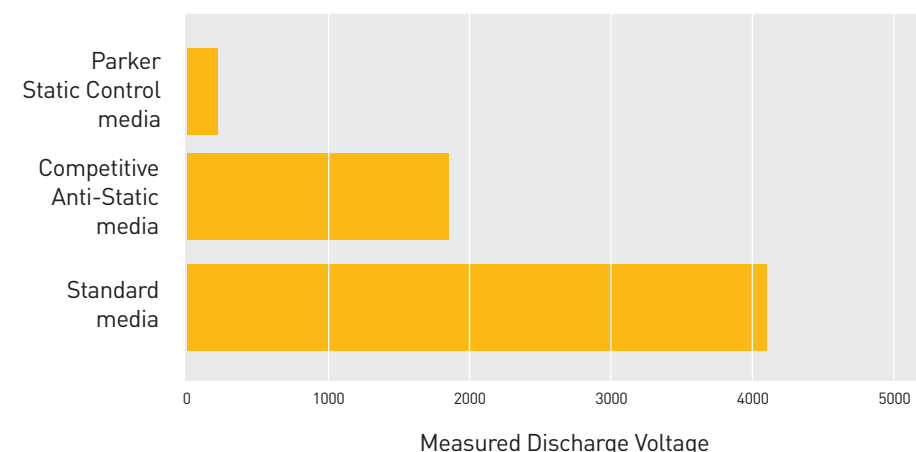
Static Control – Eliminating the effect of electro-static charging

Parker's Static Control filter media is a patent-pending solution to the problem of electro-static charging in hydraulic fluids – improving safety, extending oil lifetime and reducing the harmful impacts on the system caused by varnish build-up.

- Eliminates the effect of electro static charging within hydraulic fluids
- Without compromising efficiency, dirt holding capacity, or flow pressure
- Straightforward 'drop in' solution, with no need to modify vessels



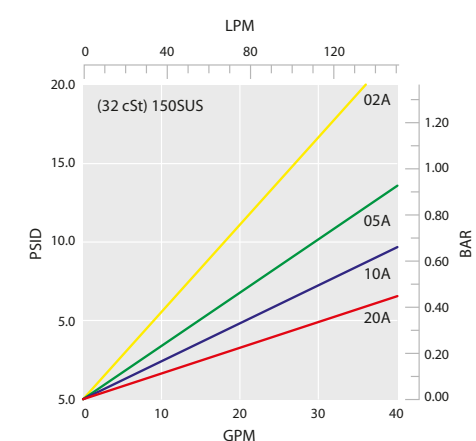
Laboratory test results



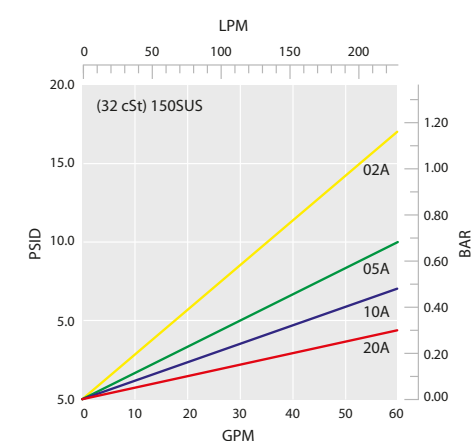
The smart performance

The Par Fit SmaRT1000 replacement element series has been rigorously tested to ensure outstanding performance across every application, and the most challenging conditions the world has to offer.

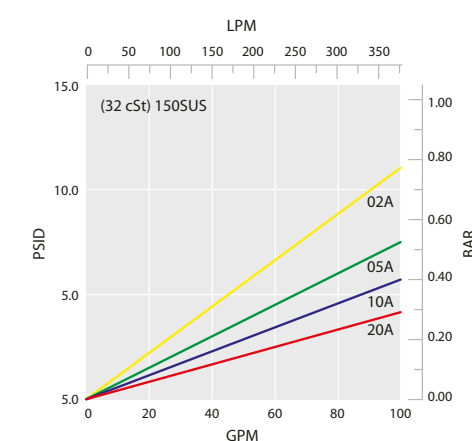
Pall UE219 – 04 Series Replacement Elements



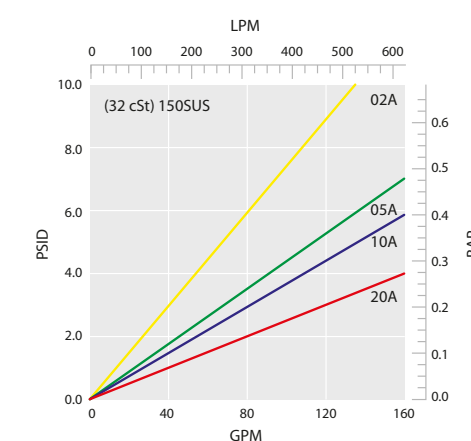
Pall UE219 – 08 Series Replacement Elements



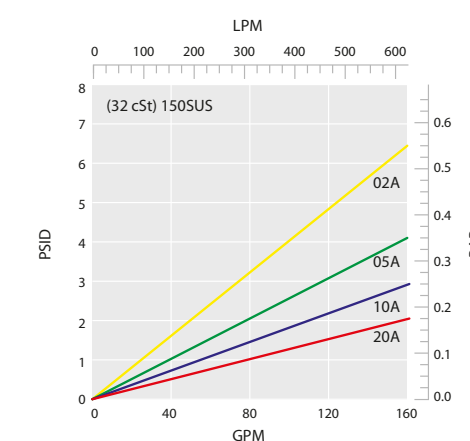
Pall UE319 – 13 Series Replacement Elements



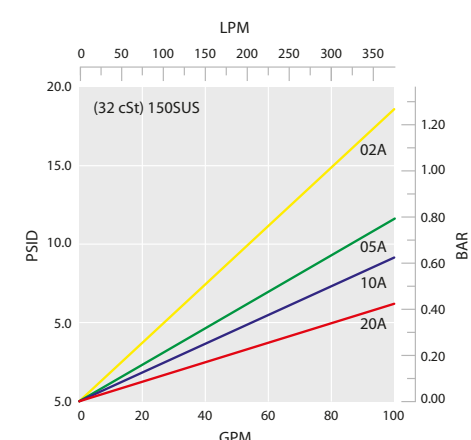
Pall UE319 – 20 Series Replacement Elements



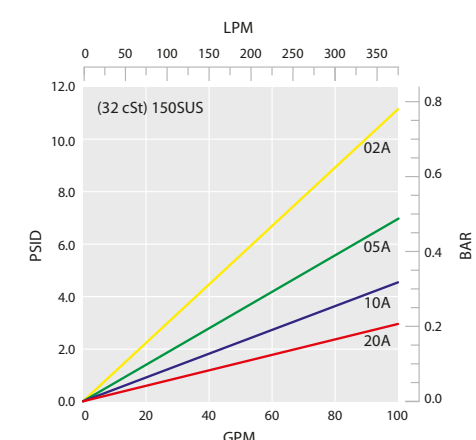
Pall UE319 – 40 Series Replacement Elements



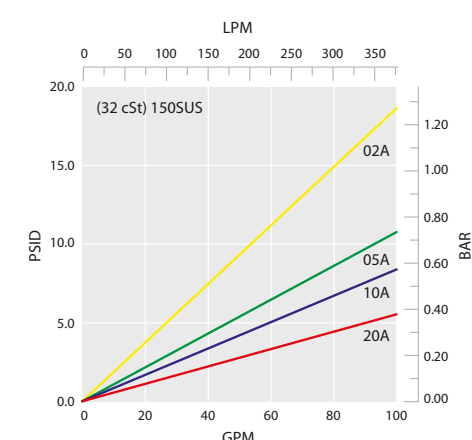
Pall UE219 – 13 Series Replacement Elements



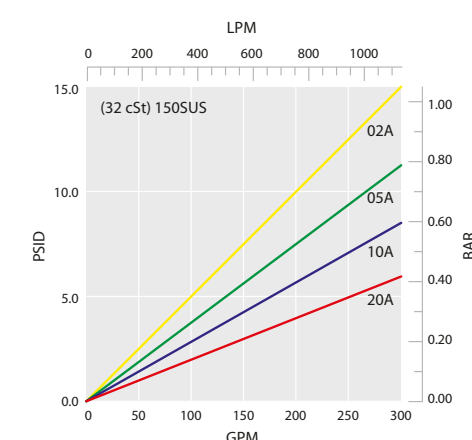
Pall UE219 – 20 Series Replacement Elements



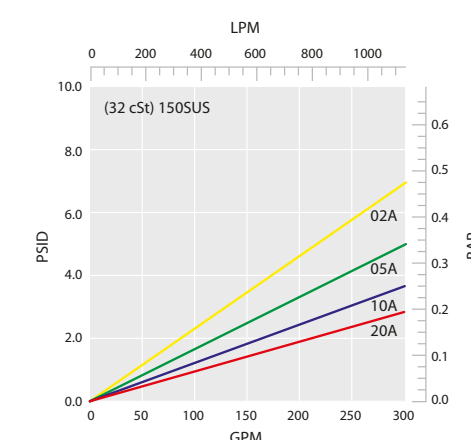
Pall UE319 – 08 Series Replacement Elements



Pall UE619 – 20 Series Replacement Elements



Pall UE619 – 40 Series Replacement Elements



Media Efficiency

Degree of filtration			
Pall Media Code	Pall βx(c) ≥ 1000 per ISO 16889	Parker Media Code	Parker βx(c) ≥ 1000 per ISO 16889
AP	5	02A	4.5
AN	7	05A	6.5
AS	12	10A	12
AT	22	20A	19.5

Correct for other fluids by multiplying new viscosity in cSt/32 [SUS/150] x new S.g./0.9

Ordering information

The SmaRT1000 series offers a straight replacement for 40 elements in the Pall SRT UE219, UE319 and UE619 Series.

The smart move

- An economical alternative to Pall SRT UE replacement elements
- Reassurance of Parker engineering pedigree
- The result of engineering investment and innovation on a global scale

The smart choice

- Covering a wide range of Pall SRT UE series elements
- Majority of parts available from stock
- Wide range of applications covered

The smart performance

- Smart by design – unique features to meet your needs
- Incorporating the latest in micro fiber and static control technology for advanced filtration quality
- The assurance of consistent performance and reliability

Competitor	Comp Part No	Parker Part No	Competitor	Comp Part No	Parker Part No
Pall	UE219AP04Z	940400Q	Pall	UE319AP13Z	940420Q
Pall	UE219AN04Z	940401Q	Pall	UE319AN13Z	940421Q
Pall	UE219AS04Z	940402Q	Pall	UE319AS13Z	940422Q
Pall	UE219AT04Z	940403Q	Pall	UE319AT13Z	940423Q
Pall	UE219AP08Z	940404Q	Pall	UE319AP20Z	940424Q
Pall	UE219AN08Z	940405Q	Pall	UE319AN20Z	940425Q
Pall	UE219AS08Z	940406Q	Pall	UE319AS20Z	940426Q
Pall	UE219AT08Z	940407Q	Pall	UE319AT20Z	940427Q
Pall	UE219AP13Z	940408Q	Pall	UE319AP40Z	940428Q
Pall	UE219AN13Z	940409Q	Pall	UE319AN40Z	940429Q
Pall	UE219AS13Z	940410Q	Pall	UE319AS40Z	940430Q
Pall	UE219AT13Z	940411Q	Pall	UE319AT40Z	940431Q
Pall	UE219AP20Z	940412Q	Pall	UE619AP20Z	940432Q
Pall	UE219AN20Z	940413Q	Pall	UE619AN20Z	940433Q
Pall	UE219AS20Z	940414Q	Pall	UE619AS20Z	940434Q
Pall	UE219AT20Z	940415Q	Pall	UE619AT20Z	940435Q
Pall	UE319AP08Z	940416Q	Pall	UE619AP40Z	940436Q
Pall	UE319AN08Z	940417Q	Pall	UE619AN40Z	940437Q
Pall	UE319AS08Z	940418Q	Pall	UE619AS40Z	940438Q
Pall	UE319AT08Z	940419Q	Pall	UE619AT40Z	940439Q

Correct for other fluids by multiplying new viscosity in cSt/32 [SUS/150] x new S.g./0.9

Worldwide Filtration Manufacturing Locations

North America

Compressed Air Treatment Filtration & Separation/Balston

Haverhill, MA
978 858 0505
www.parker.com/balston

Finite Airtek Filtration Airtek/domnick hunter/Zander

Lancaster, NY
716 686 6400
www.parker.com/faf

Finite Airtek Filtration/Finite

Oxford, MI
248 628 6400
www.parker.com/finitefilter

Engine Filtration & Water Purification Racor

Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

Beaufort, SC
843 846 3200
www.parker.com/racor

Village Marine, Sea Recovery, Horizon Reverse Osmosis

Carson, CA
310 637 3400
www.parker.com/watermakers

Hydraulic Filtration Hydraulic Filter

Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

Process Filtration domnick hunter Process Filtration

Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Madison, WI
608 824 0500
www.scilog.com

Phoenixville, PA
610 933 1600
www.parker.com/processfiltration

Aerospace Filtration Velcon Filtration

Colorado Springs, CO
719 531 5855
www.velcon.com

Europe

Compressed Air Treatment domnick hunter Filtration & Separation

Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfn

Parker Gas Separations

Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfn

Hiross Zander

Padova Business Unit
Padova, Italy
+39 049 9712 111
www.parker.com/hzd

Hiross Zander

Essen Business Unit
Essen, Germany
+49 2054 9340
www.parker.com/hzd

Engine Filtration & Water Purification Racor

Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfde

Racor Research & Development

Stuttgart, Germany
+49 (0)711 7071 290-10
www.parker.com/rfde

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www.parker.com/hfde

Ujala Operation

Ujala, Finland
+358 20 753 2500
www.parker.com/hfde

Condition Monitoring Centre

Norfolk, England
+44 (0) 1842 763 299
www.parker.com/hfde

Parker Kittiwake

West Sussex, England
+44 (0) 1903 731 470
www.kittiwake.com

Parker Procal

Peterborough, England
+44 (0) 1733 232 495
www.kittiwake.com

Process Filtration domnick hunter Process Filtration

Birtley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

Parker Twin Filter BV

Zaandam, Netherlands
+31(0)75 655 50 00
www.twinfilter.com

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+61 2 9634 7777
www.parker.com/australia

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+86 21 5031 2525
www.parker.com/china

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+91 22 651 370 8185
www.parker.com/india

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+91 80 2783 6794
www.johnfowlerindia.com

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+81 45 870 1522
www.parker.com/japan

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+81 66 340 1600
www.techno.taiyo-ltd.co.jp

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