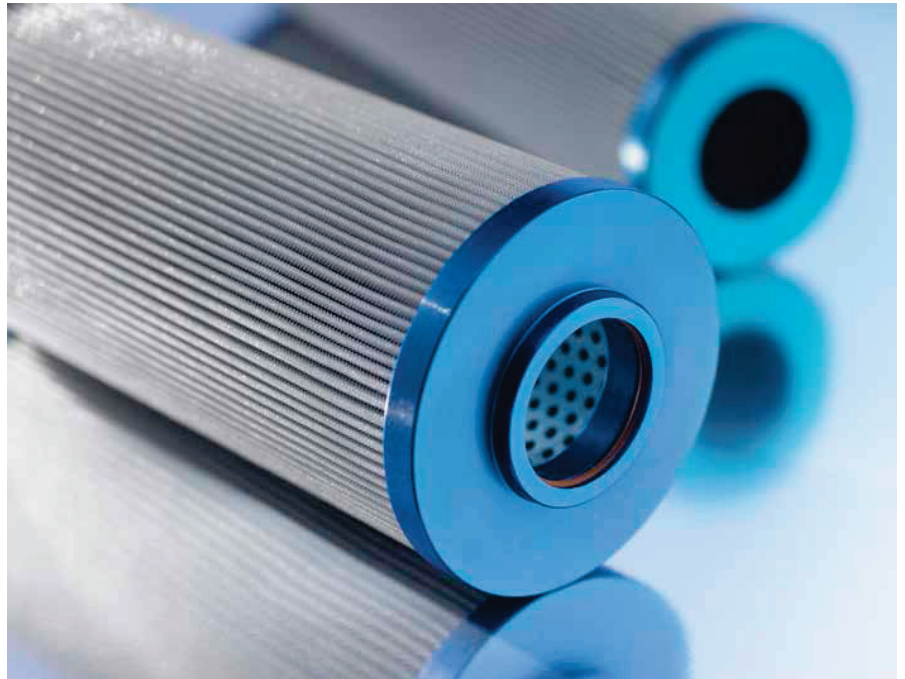




High-Performance DT Hydraulic Cartridges

Using Donaldson Synteq™ media technology, DT filters extend filter life, allow higher initial cleanliness and provide superior system protection.



Donaldson Blue™ Hydraulic Cartridges

The Donaldson Company has been releasing and supporting Donaldson Blue premium product in our Air, Clean Solutions and Liquid filtration product categories. Now, we're extending the same high quality coverage to our hydraulic offering with the first ever, **Donaldson Blue Hydraulic** filters.

Donaldson Blue Hydraulic filters deliver:

- Superior efficiency
- Longer filter life
- Reduced flow restriction

Donaldson Blue hydraulic filters deliver better system protection and performance.



Coupler P167324 available to connect filters.

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Cross Reference

Donaldson Blue	Schroeder®	Hydac®	Pall®	Parker®	Hy-Pro®
DBH6018	KZ5	2060529	HC9700FKN9H or CN9H	HF4L10VQ	HPKL9-6MB
DBH6019	KZ10	2060530	HC9700FKS9H or CS9H	HF4L15VQ	HPKL9-12MB
DBH6020	KKZ5	2060431	HC9700FKN18H or CN18H	932678Q	HPKL18-6MB
DBH6138	KKZ10	2060432	HC9700FKS18H or CS18H	932679Q	HPKL18-12MB
DBH6139	27KZ5	2065004	HC9700FKN27H or CN27H	933487Q	HPKL27-6MB
DBH6140	27KZ10	2065005	HC9700FKS27H or CS27H	933488Q	HPKL27-12MB

Schroeder® is a registered trademark of Schroeder Industries, LLC. Hydac® is a registered trademark of Hydac Technology GmbH. Pall® is a registered trademark of Pall Corporation. Parker®/Parker-Hannifin is a registered trademark of Parker Intangibles, LLC. Hy-Pro® is a registered trademark of Hy-Pro Filtration.



DT High-Performance Filters Cartridge Filters



High-performance DT filters provide superior hydraulic system protection.

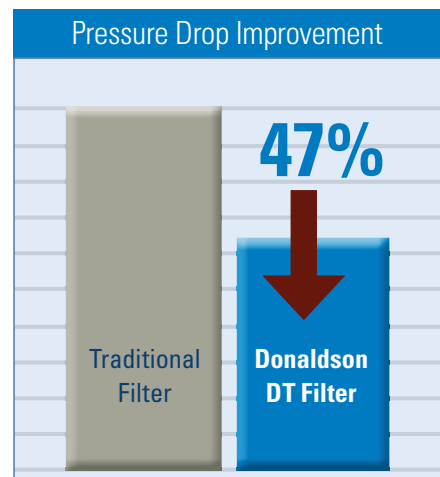
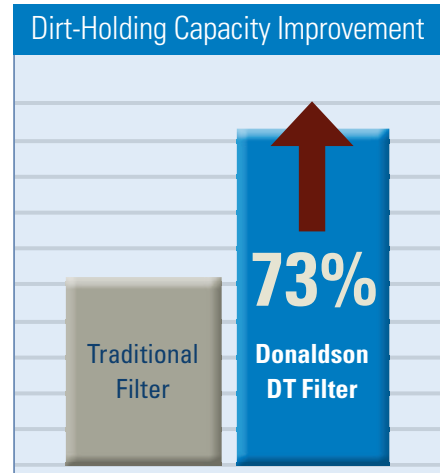
Premium Uptime Protection

Every hydraulic system has suspended particles in its fluid. Contaminants grind and wear at the surface of moving parts, introducing even more particles into the system. These contaminants cause more than 70% of all hydraulic system downtime.

Donaldson high-performance DT cartridge filters provide better protection from the particles and contaminants that reduce the effectiveness of lubricant and hydraulic fluid. Using Donaldson Synteq™ media technology, these filters extend filter life, allow higher initial cleanliness and provide superior system protection.

Donaldson DT filters are ideally suited for a variety of demanding applications, including:

- heavy-duty mobile equipment
- in-plant hydraulics
- transmissions
- bearing lube oil systems

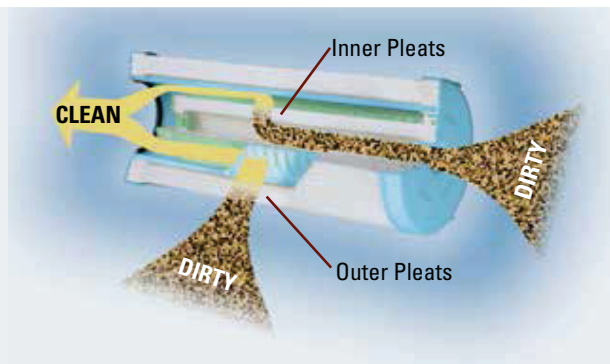


Donaldson DT filters are stocked and ready to ship!

DT DX2 Coreless Filters

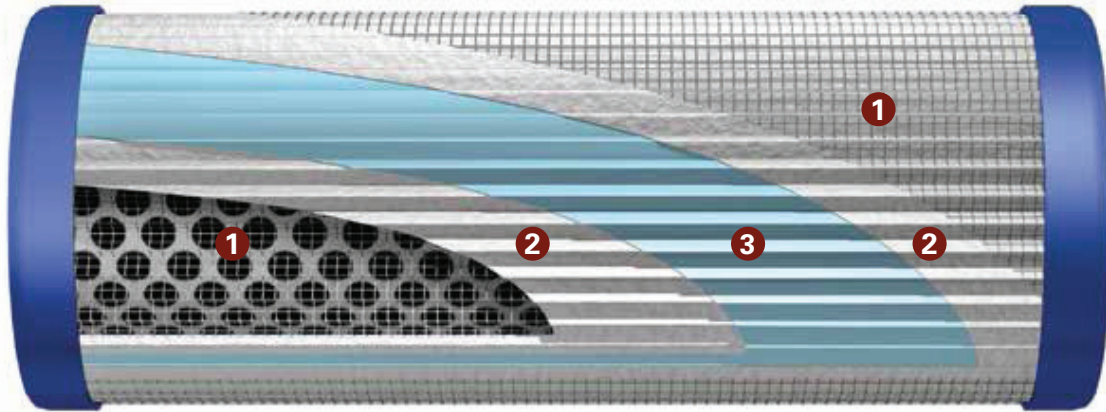
Unlike traditional filters, this high-performance filtration solution features an innovative 2-in-1 filter design that increases dirt-holding capacity by 91% compared to traditional filters. It has all the features of a coreless design –without the expense of housing modifications. These filters are environmentally friendly and fully disposable – reducing waste and disposal costs. Increased dirt holding capacity extends filter life and reduces maintenance costs.

DX2 filters are available in HF3 (9600) style filters.



See How Donaldson DT Filters Work

DT cartridge filters feature an advanced pleat pack design that provides higher initial cleanliness and dirt holding capacity.



1 Epoxy-Coated Steel Support Mesh (Upstream and Downstream Sides)

- Provides excellent pleat support and spacing, which allows for maximum effective media area
- Protects against media damage during handling and installation

2 Media Support Layers (Upstream and Downstream Sides)

- Optimizes media support
- Protects media during pressure surges

3 Synteq™ Media Technology

Donaldson-developed Synteq synthetic filter media has smooth, rounded fibers for low resistance to fluid flow. Synteq media is ideal for filtering synthetic fluids, water glycols, water/oil emulsions, HWCF (high water content fluids) and petroleum-based fluids.



- High-efficiency media grades with performance to $\beta < 4(c) = 1000$ (per ISO 16889)
- Exceptionally low flow resistance
- Consistent performance throughout filter life
- Excellent fluid compatibility

Donaldson DT replacement filters are engineered to fit many competitive applications, including:

DIN* Standard	400, 630, 1000 Series
Fairey Arlon	170, 270, 370
Hydac	0030D, 0500R, 0060D/R, 0075D, 0110D/R, 0140D, 0160D/R, 0240D/R, 0280D, 0330D/R, 0660D/R, 0850R, 0950R, 1300R, 2600R
Pall	2544, 8200, 8300, 8310, 8314, 8800, 8900, 8904, 9020, 9021, 9024, 9100, 9101, 9104, 9400, 9404, 9600, 9601, 9604, 9650, 9651, 9800, 9801, 9804, 9901
Parker	15/40/80 CN, 25P, 31P, 61P, RF2/IL2
Porous Media	LG Series
PTI/Mahle	015/Pi X105, 025/Pi X108, 030/Pi X111, 050/Pi X115, 080/Pi X130, 120/Pi X145, PTI RP83
Schroeder	A, K, KK, KKK, N, NN, V

For a complete list of replacement part numbers, visit crossreference.donaldson.com.

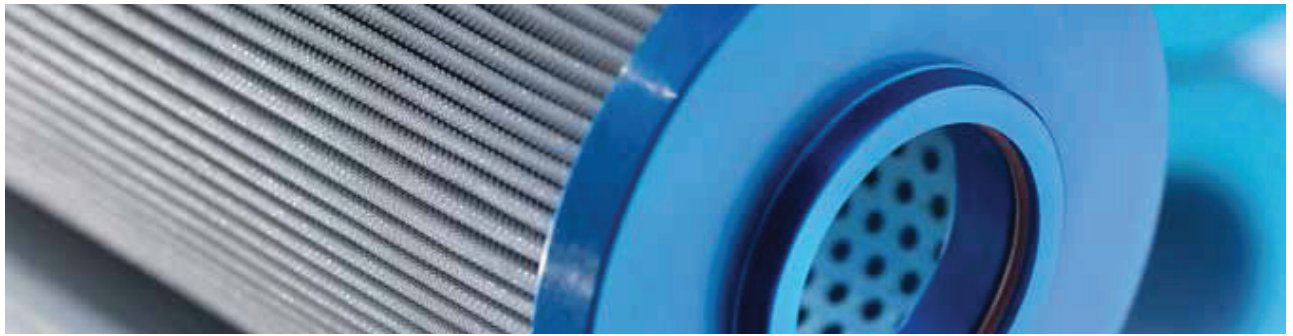
* DIN - Deutsches Institut für Normung E.V., the German Institute for Standardization



Popular DT Filters for Heavy-Duty Equipment and Industrial Hydraulic Applications



Donaldson	Description	Pall	Hydac	Parker	Schroeder
P566658	DT-0110-D-5UM	HC2206FKP6H or Z	0110D003BN4HC	PR3085	SBF-0110D-Z3B or V
P566659	DT-0110-D-8UM	HC2206FKN6H or Z	0110D005BN4HC	PR3086	SBF-0110D-Z5B or V
P566660	DT-0110-D-14UM	HC2206FKS6H or Z	0110D010BN4HC	PR3087	SBF-0110D-Z10B or V
P566965	DT-0110-R-5UM	HC2196FKP6H or Z	0110R003BN4HC	PR3256	SBF0110RZ3B or V
P566966	DT-0110-R-8UM	HC2196FKN6H or Z	0110R005BN4HC	PR3257	SBF0110RZ5B or V
P566967	DT-0110-R-14UM	HC2196FKS6H or Z	0110R010BN4HC	PR3258	SBF0110RZ10B or V
P566968	DT-0110-R-25UM	HC2196FKT6H or Z	0110R020BN4HC	PR3259	SBF0110RZ25B or V
P566666	DT-0160-D-5UM	HC2216FKP4H or Z	0160D003BN4HC	PR3114	SBF-0160D-Z3B or V
P566667	DT-0160-D-8UM	HC2216FKN4H or Z	0160D005BN4HC	PR3115	SBF-0160D-Z5B or V
P566668	DT-0160-D-14UM	HC2216FKS4H or Z	0160D010BN4HC	PR3116	SBF-0160D-Z10B or V
P566969	DT-0160-R-5UM	HC2226FKP4H or Z	0160R003BN4HC	PR3273	SBF0160RZ3B or V
P566970	DT-0160-R-8UM	HC2226FKN4H or Z	0160R005BN4HC	PR3274	SBF0160RZ5B or V
P566971	DT-0160-R-14UM	HC2226FKS4H or Z	0160R010BN4HC	PR3275	SBF0160RZ10B or V
P566972	DT-0160-R-25UM	HC2226FKT4H or Z	0160R020BN4HC	PR3276	SBF0160RZ25B or V
P566670	DT-0240-D-5UM	HC2216FKP6H or Z	0240D003BN4HC	PR3143	SBF-0240D-Z3B or V
P566671	DT-0240-D-8UM	HC2216FKN6H or Z	0240D005BN4HC	PR3144	SBF-0240D-Z5B or V
P566672	DT-0240-D-14UM	HC2216FKS6H or Z	0240D010BN4HC	PR3145	SBF-0240D-Z10B or V
P566977	DT-0240-R-5UM	HC2226FKP6H or Z	0240R003BN4HC	PR3290	SBF0240RZ3B or V
P566978	DT-0240-R-8UM	HC2226FKN6H or Z	0240R005BN4HC	PR3291	SBF0240RZ5B or V
P566979	DT-0240-R-14UM	HC2226FKS6H or Z	0240R010BN4HC	PR3292	SBF0240RZ10B or V
P566980	DT-0240-R-25UM	HC2226FKT6H or Z	0240R020BN4HC	PR3293	SBF0240RZ25B or V
P566674	DT-0280-D-5UM	NA	0280D003BN4HC	NA	SBF-0280D-Z3B OR V
P566675	DT-0280-D-8UM	NA	0280D005BN4HC	NA	SBF-0280D-Z5B OR V
P566676	DT-0280-D-14UM	NA	0280D010BN4HC	NA	SBF-0280D-Z10B OR V
P566677	DT-0280-D-25UM	NA	0280D020BN4HC	NA	SBF-0280D-Z25B OR V
P566678	DT-0330-D-5UM	HC2233FKP6H or Z	0330D003BN4HC	PR3172	SBF-0330D-Z3B or V
P566679	DT-0330-D-8UM	HC2233FKN6H or Z	0330D005BN4HC	PR3173	SBF-0330D-Z5B or V
P566680	DT-0330-D-14UM	HC2233FKS6H or Z	0330D010BN4HC	PR3174	SBF-0330D-Z10B or V
P566681	DT-0330-D-25UM	HC2233FKT6H or Z	0330D020BN4HC	PR3175	SBF-0330D-Z25B or V
P566981	DT-0330-R-5UM	HC2246FKP6H or Z	0330R003BN4HC	PR3307	SBF0330RZ3B or V
P566982	DT-0330-R-8UM	HC2246FKN6H or z	0330R005BN4HC	PR3308	SBF0330RZ5B or V



Donaldson	Description	Pall	Hydac	Parker	Schroeder
P566983	DT-0330-R-14UM	HC2246FKS6H or Z	0330R010BN4HC	PR3309	SBF0330RZ10B or V
P566984	DT-0330-R-25UM	HC2246FKT6H or Z	0330R0220BN4HC	PR3310	SBF0330RZ25B or V
P566195	DT-9020-4-5UM	HC9020FKP4H or Z	H9020-4-003BN4HC	932610Q	SBF-9020-4Z3B or V
P566196	DT-9020-4-8UM	HC9020FKN4H or Z	H9020-4-005BN4HC	933239Q	SBF-9020-4Z5B or V
P566197	DT-9020-4-14UM	HC9020FKS4H or Z	H9020-4-010BN4HC	925580Q	SBF-9020-4Z10B or V
P566200	DT-9020-8-5UM	HC9020FKP8H or Z	H9020-8-003BN4HC	925602Q	SBF-9020-8Z3B or V
P566201	DT-9020-8-8UM	HC9020FKN8H or Z	H9020-8-005BN4HC	933246Q	SBF-9020-8Z5B or V
P566202	DT-9020-8-14UM	HC9020FKS8H or Z	H9020-8-010BN4HC	925600Q	SBF-9020-8Z10B or V
P566210	DT-9600-8-5UM	HC9600FKP8H or Z	H9600-8-003BN4HC	926697Q	SBF-9600-8Z3B or V
P566212	DT-9600-8-14UM	HC9600FKS8H or Z	H9600-8-010BN4HC	926837Q	SBF-9600-8Z10B or V
P566215	DT-9600-13-5UM	HC9600FKP13H or Z	H9600-13-003BN4HC	926698Q	SBF-9600-13Z3B or V
P566216	DT-9600-13-8UM	HC9600FKN13H or Z	H9600-13-006BN4HC	926845Q	SBF-9600-13Z5B or V
P566217	DT-9600-13-14UM	HC9600FKS13H or Z	H9600-13-010BN4HC	926839Q	SBF-9600-13Z10B or V
P566220	DT-9600-16-5UM	HC9600FKP16H or Z	H9600-16-003BN4HC	926699Q	SBF-9600-16Z3B or V
P566221	DT-9600-16-8UM	HC9600FKN16H or Z	H9600-16-005BN4HC	926890Q	SBF-9600-16Z5B or V
P566222	DT-9600-16-14UM	HC9600FKS16H or Z	H9600-16-010BN4HC	926888Q	SBF-9600-16Z10B or V
P566373	DT-9604-8-5UM	HC9604FKP8H or Z	NA	NA	SBF-9604-8Z3B OR V
P566374	DT-9604-8-8UM	HC9604FKN8H or Z	NA	NA	SBF-9604-8Z5B OR V
P566375	DT-9604-8-14UM	HC9604FKS8H or Z	NA	NA	SBF-9604-16Z10B OR V
P566378	DT-9604-13-5UM	HC9604FKP13H or Z	NA	NA	SBF-960413Z3B OR V
P566379	DT-9604-13-8UM	HC9604FKN13H or Z	NA	NA	SBF-9604-13Z5B OR V
P566380	DT-9604-13-14UM	HC9604FKS13H or Z	NA	NA	SBF-9604-13Z10B OR V
P566383	DT-9604-16-5UM	HC9604FKP16H or Z	NA	NA	SBF-9604-16Z3B OR V
P566384	DT-9604-16-8UM	HC9604FKN16H or Z	NA	NA	SBF-9604-16Z5B OR V
P566385	DT-9604-16-14UM	HC9604FKS16H or Z	NA	NA	SBF-9604-16Z10B OR V
P566270	DT-HF4-9-5UM	HC9700FKP9H or Z	HK003BN4HC	HF4L3VQ	KZ3
P566271	DT-HF4-9-8UM	HC9700FKN9H or Z	HK005BN4HC	HF4L10VQ	KZ5
P566272	DT-HF4-9-14UM	HC9700FKS9H or Z	HK010BN4HC	HF4L15VQ	KZ10
P566274	DT-HF4-18-5UM	HC9700FKP18H or Z	H2K003BN4HC	932677Q	KKZ3
P566275	DT-HF4-18-8UM	HC9700FKN18H or Z	H2K005BN4HC	932678Q	KKZ5
P566276	DT-HF4-18-14UM	HC9700FKS18H or Z	H2K010BN4HC	932679Q	KKZ10



Pall® Ultipleat® SRT Replacement Filters

Cartridge Replacements for SRT 219, 319 and 619 Housings



Donaldson replacement filters for Pall Ultipleat SRT 219, 319 and 619 style housings provide protection from particles and contaminants that reduce the effectiveness of lubricant and hydraulic fluid. Using Donaldson DT Synteq™ media technology, these filters have long life and provide excellent system protection.

These filters feature an advanced pleat pack design that provides high initial cleanliness and efficient dirt holding capacity.

Double wire backed with an epoxy-coated steel mesh for excellent pleat support and spacing, which allows for maximum media area and excellent protection during operating pressure surges

Utilizes glass fiber DT Synteq media with an epoxy-based resin system and is potted with epoxy-based adhesives Viton® O-ring seals for excellent compatibility with a wide range of fluid types

Electrostatic Discharge (ESD) Reduction

Donaldson SRT replacement filters are designed to resist charge generation and reduce the occurrence of electrostatic discharges induced by the flow of fluids through the filter media – a known industry problem which can result in damage to the filter and degraded performance.

Utilizing DT Synteq™ Media Technology

Donaldson invented DT Synteq synthetic filter media has smooth, rounded fibers for low resistance to fluid flow. Synteq media is ideal for filtering synthetic fluids, water glycols, water/oil emulsions, petroleum-based and high water content fluids (HWCF).

Donaldson Replacement Filters for Pall® Ultipleat® SRT Housings

Length	Beta _{0.1} = 1000 Rating	Donaldson Part No.	Competitive Cross Reference			
			Pall	Hy-Pro	Hydac	Schroeder
219 Series						
4" (102mm)	< 4 µm	P573085	UE219AZ04H or Z	HP219L41EB or V	1.28.04 D 03 RT	SBFUE219-4Z3V
	5 µm	P573086	UE219AP04H or Z	HP219L43EB or V	1.28.04 D 05 RT	SBFUE219-4Z5V
	8 µm	P573087	UE219AN04H or Z	HP219L46EB or V	1.28.04 D 07 RT	—
	12 µm	P573088	UE219AS04H or Z	HP219L412EB or V	1.28.04 D 12 RT	SBFUE219-4Z10V
	23 µm	P573089	UE219AT04H or Z	HP219L422EB or V	1.28.04 D 20 RT	SBFUE219-4Z25V
8" (203mm)	< 4 µm	P573090	UE219AZ08H or Z	HP219L81EB or V	1.28.08 D 03 RT	SBFUE219-8Z3V
	5 µm	P573091	UE219AP08H or Z	HP219L83EB or V	1.28.08 D 05 RT	SBFUE219-8Z5V
	8 µm	P573092	UE219AN08H or Z	HP219L86EB or V	1.28.08 D 07 RT	—
	12 µm	P573093	UE219AS08H or Z	HP219L812EB or V	1.28.08 D 12 RT	SBFUE219-8Z10V
	23 µm	P573094	UE219AT08H or Z	HP219L822EB or V	1.28.08 D 20 RT	SBFUE219-8Z25V
13" (330mm)	< 4 µm	P573095	UE219AZ13H or Z	HP219L131EB or V	1.28.13 D 03 RT	SBFUE219-13Z3V
	5 µm	P573096	UE219AP13H or Z	HP219L133EB or V	1.28.13 D 05 RT	SBFUE219-13Z5V
	8 µm	P573097	UE219AN13H or Z	HP219L136EB or V	1.28.13 D 07 RT	—
	12 µm	P573098	UE219AS13H or Z	HP219L1312EB or V	1.28.13 D 12 RT	SBFUE219-13Z10V
	23 µm	P573099	UE219AT13H or Z	HP219L1322EB or V	1.28.13 D 20 RT	SBFUE219-13Z25V
20" (508mm)	< 4 µm	P573100	UE219AZ20H or Z	HP219L201EB or V	1.28.20 D 03 RT	SBFUE219-20Z3V
	5 µm	P573101	UE219AP20H or Z	HP219L203EB or V	1.28.20 D 05 RT	SBFUE219-20Z5V
	8 µm	P573102	UE219AN20H or Z	HP219L206EB or V	1.28.20 D 07 RT	—
	12 µm	P573103	UE219AS20H or Z	HP219L2012EB or V	1.28.20 D 12 RT	SBFUE219-20Z10V
	23 µm	P573104	UE219AT20H or Z	HP219L2022EB or V	1.28.20 D 20 RT	SBFUE219-20Z25V
319 Series						
8" (203mm)	< 4 µm	P573105	UE319AZ08H or Z	HP319L81EB or V	1.297074 or 1.21.08D03RT	SBFUE319-8Z3V
	5 µm	P573106	UE319AP08H or Z	HP319L83EB or V	1.296464 or 1.21.08D05RT	SBFUE319-8Z5V
	8 µm	P573107	UE319AN08H or Z	HP319L86EB or V	1.296465 or 1.21.08D07RT	—
	12 µm	P573108	UE319AS08H or Z	HP319L812EB or V	1.297075 or 1.21.08D12RT	SBFUE319-8Z10V
	23 µm	P573109	UE319AT08H or Z	HP319L822EB or V	1.21.08 D 20 RT	SBFUE319-8Z25V
13" (330mm)	< 4 µm	P573110	UE319AZ13H or Z	HP319L131EB or V	1.297076 or 1.21.13D03RT	SBFUE319-13Z3V
	5 µm	P573111	UE319AP13H or Z	HP319L133EB or V	1.296466 or 1.21.13D05RT	SBFUE319-13Z5V
	8 µm	P573112	UE319AN13H or Z	HP319L136EB or V	1.296467 or 1.21.13D07RT	—
	12 µm	P573113	UE319AS13H or Z	HP319L1312EB or V	1.297077 or 1.21.13D12RT	SBFUE319-13Z10V
	23 µm	P573114	UE319AT13H or Z	HP319L1322EB or V	1.21.13 D 20 RT	SBFUE319-13Z25V
20" (508mm)	< 4 µm	P573115	UE319AZ20H or Z	HP319L201EB or V	1.297078 or 1.21.20D03RT	SBFUE319-20Z3V
	5 µm	P573116	UE319AP20H or Z	HP319L203EB or V	1.296468 or 1.21.20D05RT	SBFUE319-20Z5V
	8 µm	P573117	UE319AN20H or Z	HP319L206EB or V	1.296469 or 1.21.20D07RT	—
	12 µm	P573118	UE319AS20H or Z	HP319L2012EB or V	1.297079 or 1.21.20D12RT	SBFUE319-20Z10V
	23 µm	P573119	UE319AT20H or Z	HP319L2022EB or V	1.21.20 D 20 RT	SBFUE319-20Z25V
40" (107mm)	< 4 µm	P573120	UE319AZ40H or Z	HP319L401EB or V	1.297080 or 1.21.40D03RT	SBFUE319-40Z3V
	5 µm	P573121	UE319AP40H or Z	HP319L403EB or V	1.296665 or 1.21.40D05RT	SBFUE319-40Z5V
	8 µm	P573122	UE319AN40H or Z	HP319L406EB or V	1.296666 or 1.21.40D07RT	—
	12 µm	P573123	UE319AS40H or Z	HP319L4012EB or V	1.297083 or 1.21.40D12RT	SBFUE319-40Z10V
	23 µm	P573124	UE319AT40H or Z	HP319L4022EB or V	1.21.40 D 20 RT	SBFUE319-40Z25V
619 Series						
20" (508mm)	< 4 µm	P573125	UE619AZ20H or Z	HP619L201EB or V	1.297084 or 1.22.20D03RT	SBFUE619-20Z3V
	5 µm	P573126	UE619AP20H or Z	HP619L203EB or V	1.296470 or 1.22.20D05RT	SBFUE619-20Z5V
	8 µm	P573127	UE619AN20H or Z	HP619L206EB or V	1.296471 or 1.22.20D07RT	—
	12 µm	P573128	UE619AS20H or Z	HP619L2012EB or V	1.297085 or 1.22.20D12RT	SBFUE619-20Z10V
	23 µm	P573129	UE619AT20H or Z	HP619L2022EB or V	1.22.20 D 20 RT	SBFUE619-20Z25V
40" (107mm)	< 4 µm	P573130	UE619AZ40H or Z	HP619L401EB or V	1.297086 or 1.22.40D03RT	SBFUE619-40Z3V
	5 µm	P573131	UE619AP40H or Z	HP619L403EB or V	1.296472 or 1.22.40D05RT	SBFUE619-40Z5V
	8 µm	P573132	UE619AN40H or Z	HP619L406EB or V	1.296473 or 1.22.40D07RT	—
	12 µm	P573133	UE619AS40H or Z	HP619L4012EB or V	1.297087 or 1.22.40D12RT	SBFUE619-40Z10V
	23 µm	P573134	UE619AT40H or Z	HP619L4022EB or V	1.22.40 D 20 RT	SBFUE619-40Z25V

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