

# Atlas Copco Genuine Parts Line Filter Cartridges UD+

## Line Filter Cartridges UD+ range for optimal filtration

**Our patented Nautilus filter technology, makes the UD+ filter world's best oil coalescing filter providing you the highest energy savings.**

Building on many years of experience and backed by extensive in-house testing, our Atlas Copco engineers gained completely new insights into oil coalescing filtration.

The result is our Nautilus filter technology based on unique, low-density filter media, with the ingenuity and looks of a nautilus shell.

The first filters to make use of this innovative technology are the Atlas Copco UD+ filters.

Moreover, these filters combine two filtration steps into one, hereby meeting the high-quality requirements of diverse applications and leading to a 40% pressure drop reduction.



## Improved lifetime

To guarantee the required air quality level at the same low energy cost, an annual cartridge change (or 4.000 hours, whichever comes first) is essential

## ISO Certification

The Atlas Copco Line Filters Cartridges are ISO certified:

- Compressed air- part1: contaminants and purity classes: ISO 8753-1: 2010
- Compressed air- part2: test methods for oil aerosol content: ISO 8573-2: 2007
- Filters for compressed air -test methods- part1: oil aerosols: ISO 12500-1: 2007
- Filters for compressed air -test methods- part3: particulates: ISO 12500-3: 2009

## Characteristics

Bottom cap: Light Grey  
Oil Carry Over: 0,0009 mg/m<sup>3</sup>  
Pressure Drop: 245 mbar

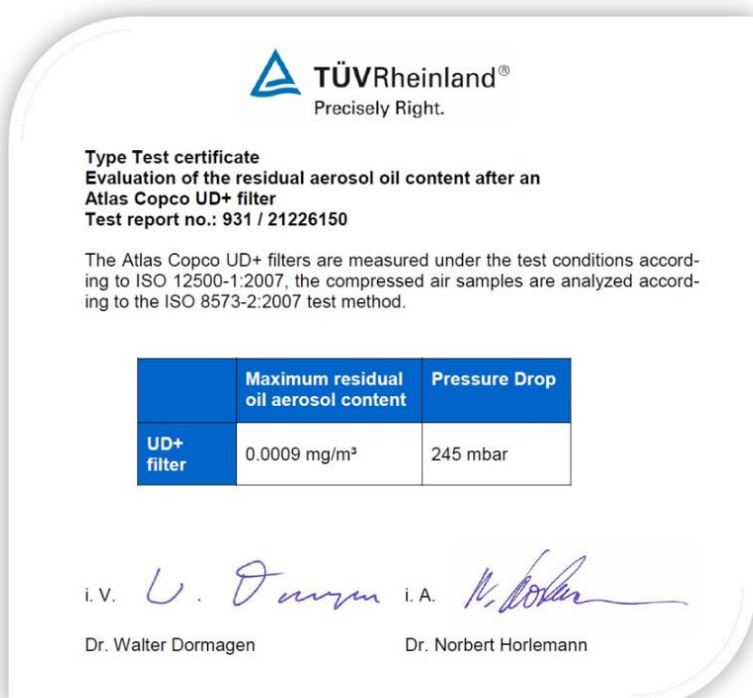


## Did you know?

This unique Atlas Copco owned Nautilus filter technology makes the UD+ filter world's best oil coalescing filter, achieving the highest level of air purity at the lowest pressure drop.

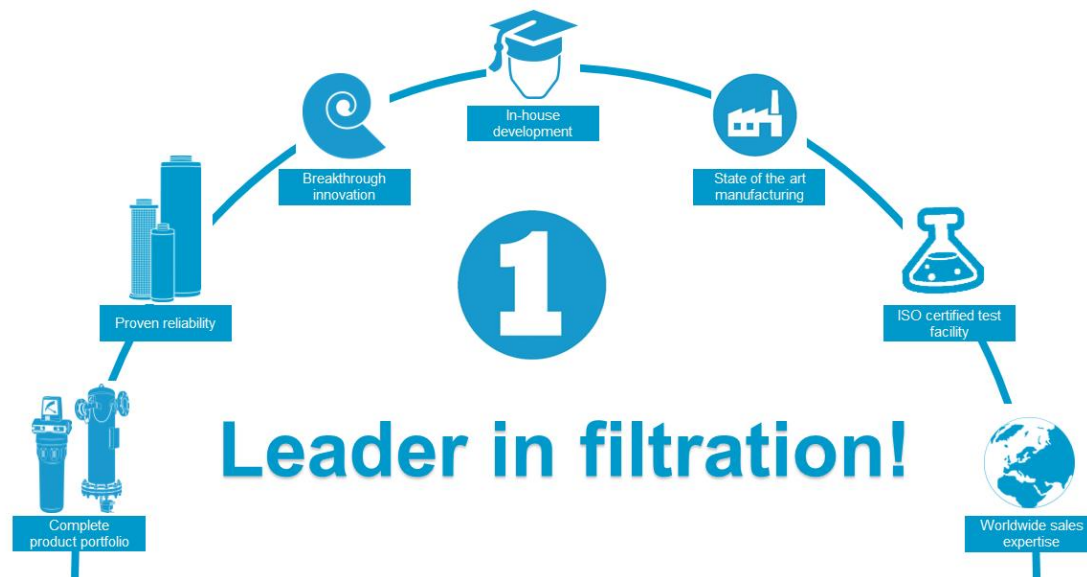
The UD+ technology is outperforming competition by far, providing high energy savings to our customers, confirmed and certified by TÜV Rheinland.

This all-in-1 filter concept also leads to 50% stock, service time & waste reduction!



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## Atlas Copco Leader in Filtration

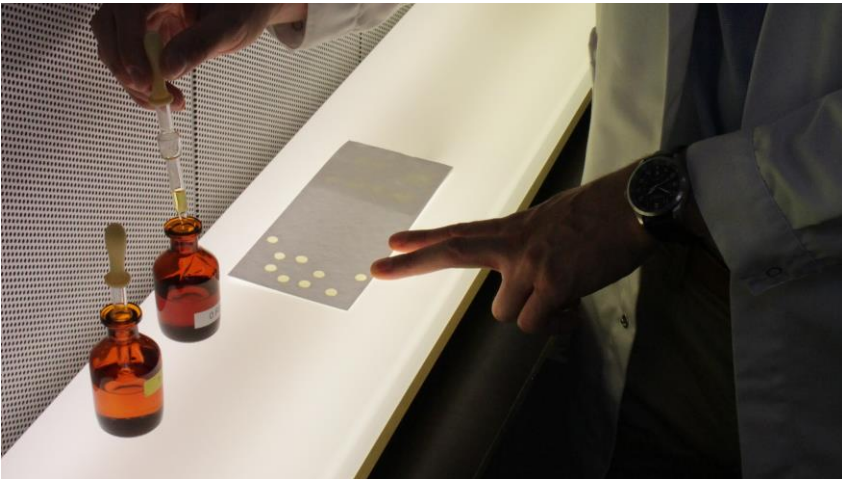


Atlas Copco's innovative line filter technology is 100% Atlas Copco development.

From A to Z, this technology is processed in-house, where every step in the product cycle is taken with the highest care and dedication, thanks to:

- A top class R&D center with highly skilled engineers constantly driving innovation
- A fully equipped research and ISO certified test facility where filter performance can be measured with the highest accuracy level
- A state of the art manufacturing process guaranteeing the highest product quality and 0-defects

This results in an ultimate filter performance, guaranteeing the best air quality at the lowest energy cost, making Atlas Copco a Leader in Filtration!



# Atlas Copco Genuine Parts Line Filter Cartridges UD+

## Features

Nautilus Filter Technology

Unique design to work in harmony with the filter housing

## Benefits

Same filtration performance as a DD+ combined with a PD+ and a lower pressure drop

Reduced pressure drop contributing to low running cost



1. High-performance stainless steel filter cores ensure ultimate strength and low risk of implosion.

2. Protection paper avoids direct contact between filter media and stainless steel filter cores.

3. Epoxy sealed caps for reliable filtration.

4. Thick package of enhanced glass fiber media according to the Nautilus Filter Technology, ensure high filter efficiency, low pressure drop, and guaranteed lifetime performance.

5. Double O-rings guarantee proper sealing to reduce leakage risks and increase energy savings.

6. Increased user friendliness and reliability via push-on element.

7. Internal ribs support the element and facilitate the route of oil droplets.

8. Double drainage layer (outer protection paper and foam) has a large drainage capacity which is ideal for variable speed compressors. Moreover, the poly-urethane foam avoids oil re-entrainment.

# Atlas Copco Genuine Parts

## Line Filter Cartridges UD+

Grade	Size	Part Number	Part Number (6-Pack)
UD9+	9	2901 3004 01	2901 9906 19
UD15+	15	2901 3004 02	2901 9906 20
UD25+	25	2901 3004 03	2901 9906 21
UD45+	45	2901 3004 04	2901 9906 22
UD60+	60	2901 3004 05	2901 9906 23
UD100+	100	2901 3004 06	2901 9906 24
UD140+	140	2901 3004 07	2901 9906 25
UD180+	180	2901 3004 08	2901 9906 26
UD220+	220	2901 3004 09	2901 9906 27
UD310+	310	2901 3004 10	2901 9906 28
UD425+	425	2901 3004 11	2901 9906 29
UD550+	550	2901 3004 12	2901 9906 30
UD550+	550 Flanged (Service Kit)	2901 9905 37	-
UD850+	850 Flanged (Service Kit)	2901 9905 38	-
UD1100+	1100 Flanged (Service Kit)	2901 9905 39	-
UD1400+	1400 Flanged (Service Kit)	2901 9905 40	-
UD1800+	1800 Flanged (Service Kit)	2901 9905 41	-
UD2200+	2200 Flanged (Service Kit)	2901 9905 42	-
UD3000+	3000 Flanged (Service Kit)	2901 9905 43	-
UD4000+	4000 Flanged (Service Kit)	2901 9905 44	-
UD5000+	5000 Flanged (Service Kit)	2901 9905 45	-
UD6000+	6000 Flanged (Service Kit)	2901 9905 46	-
UD7000+	7000 Flanged (Service Kit)	2901 9905 47	-
UD8000+	8000 Flanged (Service Kit)	2901 9905 48	-

\* Required gasket included in all above service kits.

