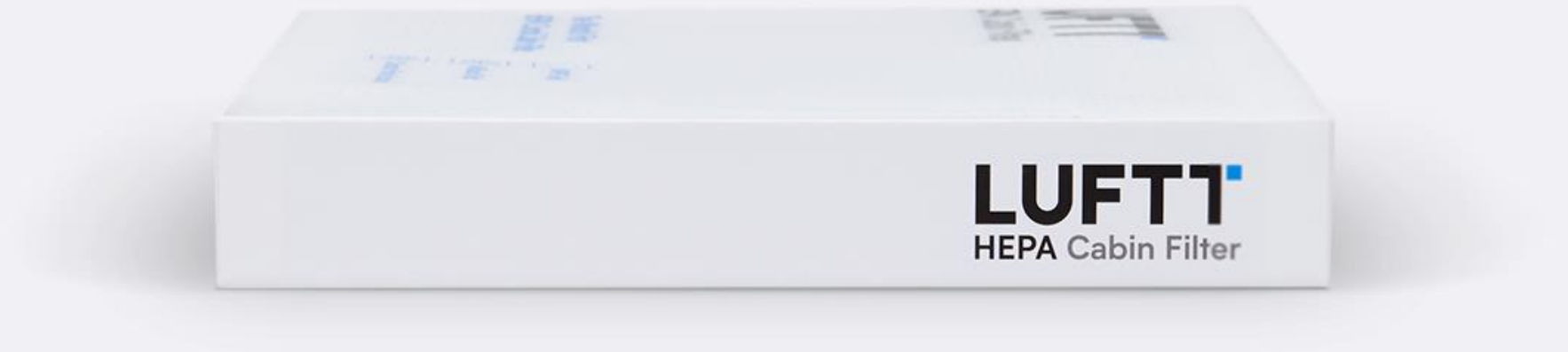
LUFTT Korea Co., Ltd.

Contents

LUFTT Product Introduction

LUFTT, World's First HEPA Combination Cabin Filter for Vehicle



LUFTT Product Introduction

From new car syndrome to fine dust that lasts for all seasons

More time you spend in the car, you are exposed to various harmful substances such as formaldehyde, TVOC, bacteria, fungus, and fine dust.

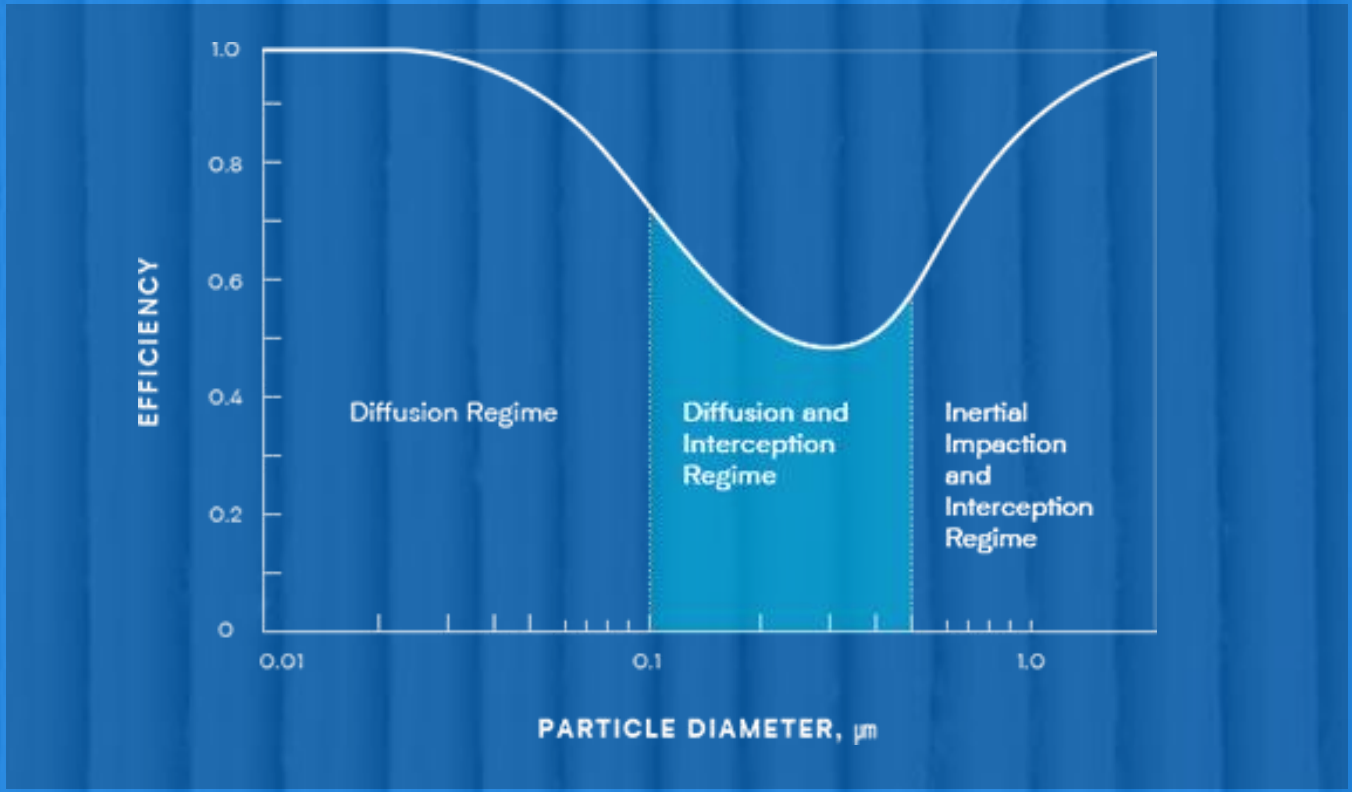
LUFTT Product Introduction

Ultra-fine dust of 0.3μm size that is the most difficult to entrap

But it's also what LUFTT is good at eliminating.

The dust smaller than 10 ㎛ is not filtered by the human lung, more as the particle size is smaller, and it flows into the blood vessels and causes various diseases. Especially, the ultra-fine dust penetrates deeply into the human alveoli and is a carcinogen that is known to cause respiratory diseases, bronchitis, asthma, and lung cancer, if severe.

LUFTT Product Introduction

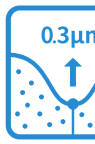


Among them, ultra-fine dust of 0.3 μm is called "MPPS (Most Penetrating Particle Size)"
because it is harder to entrap than smaller or larger dust.
This is why filters that remove MPPS can be called powerful ultra-fine dust filters.

LUFTT Product Introduction

Air of different dimension
With the technology of LUFTT.

OUR TECHNOLOGY

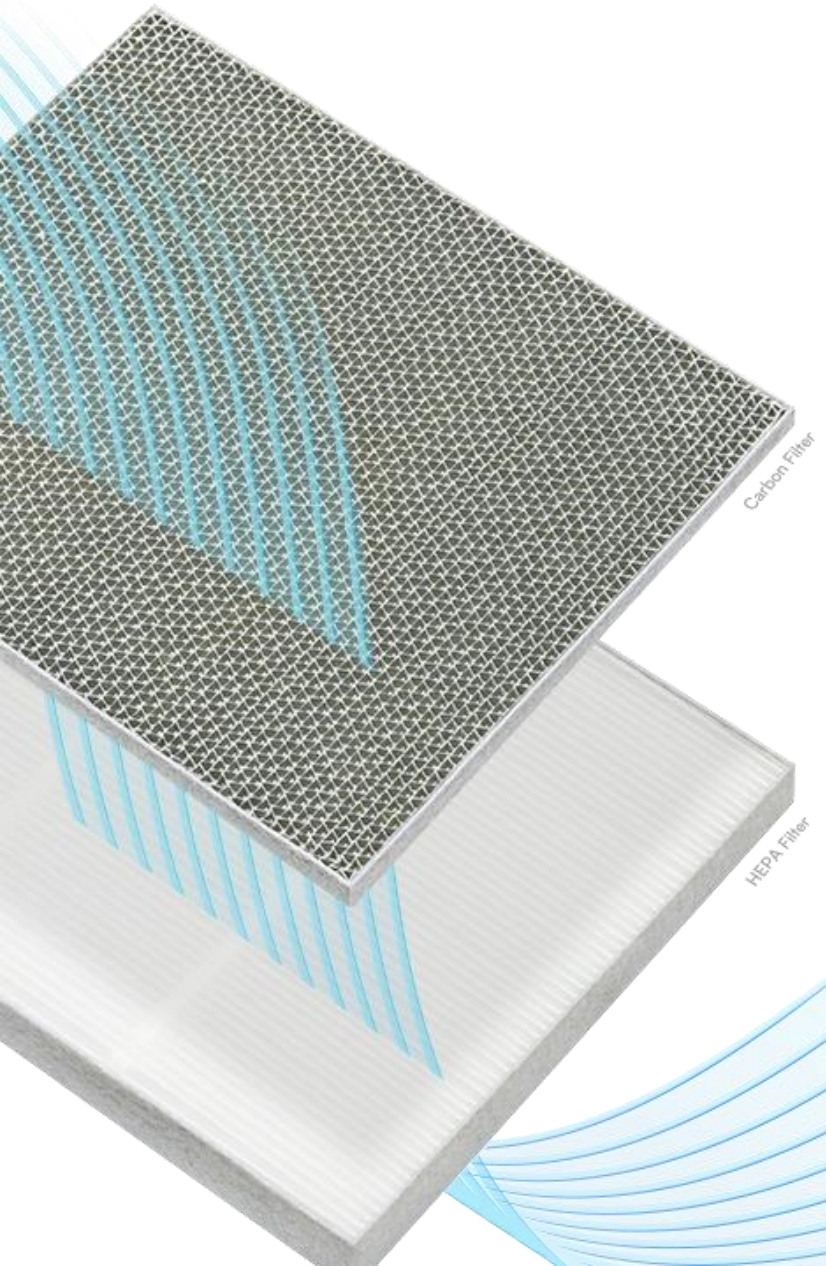


MPPS Tech™

Among them, ultra-fine dust of 0.3 μm is called MPPS*
because it is harder to entrap.
Filters that can eliminate MPPS the most are the best at
removing ultra-fine dust.

*MPPS : Most Penetrating Particle Size

LUFTT Product Introduction



AirBoost Tech™

Finer the filter fibers are, the better the fine dust is removed, but it can interfere with the proper air flow, damaging the air conditioner. The LUFTT air conditioner filter ensures ventilation at the level of genuine brand filters and at the same time removes more than 98%* of harmful particulate matters.

* Ability to remove 98.3% of MPPS fine dust from 150CMH air volume (Cubic Meter Per Hour)

LUFTT Product Introduction

Carbon Flow Structure™

Carbon filter with unique triangular tiling honeycomb structure minimizes the resistance of the air flow, while maximizing the contact surface of the carbon filter and increasing the dust collection rate.

LUFTT Product Introduction

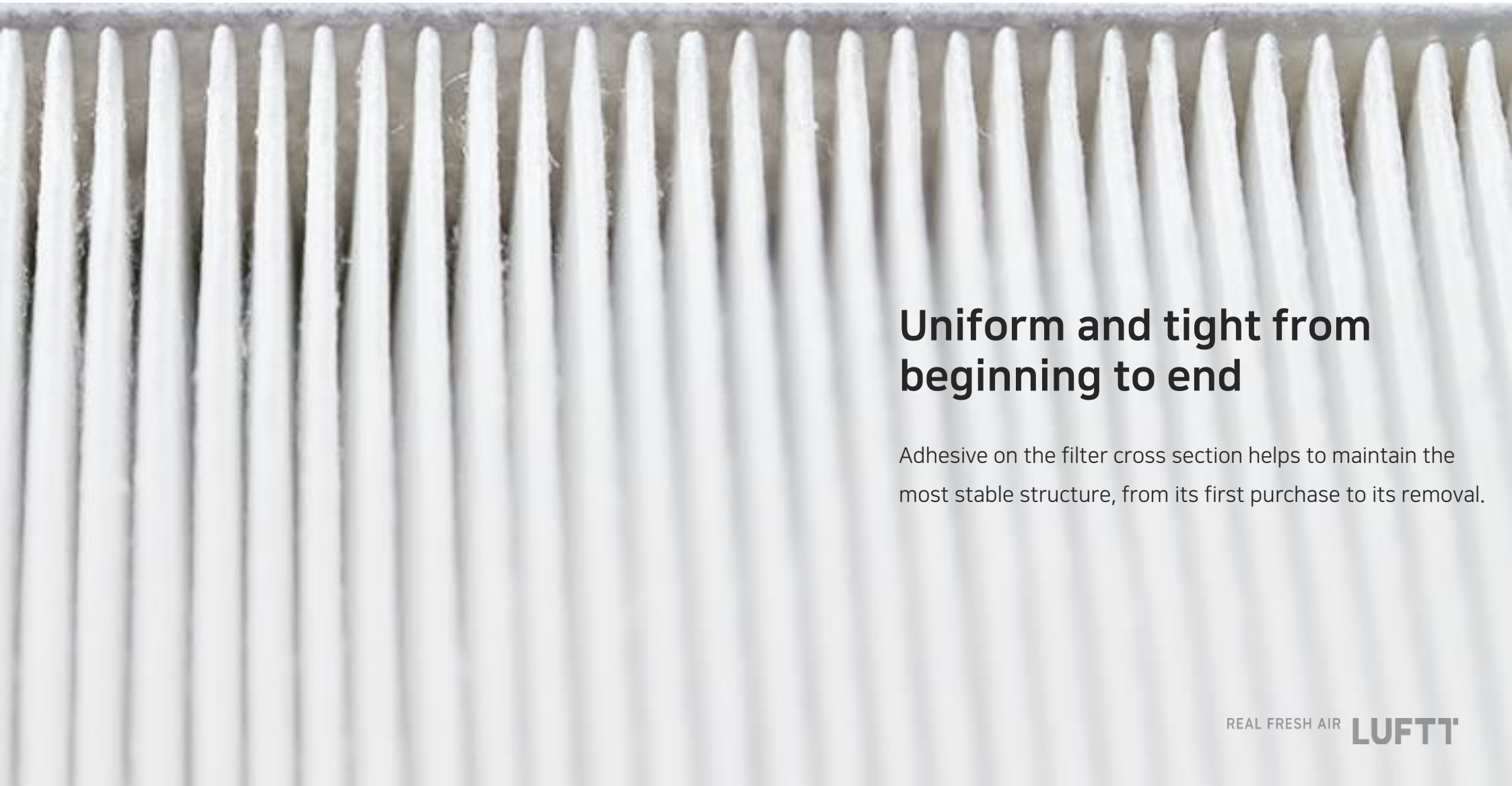
Why LUFTT is the best in the world.

OUR MATERIALS

Best HEPA grade filter that's necessary for vehicles

There is a separate grade for vehicle air conditioning system.
The H11 grade HEPA filter completely removes the smallest dust while maintaining the proper static pressure.

LUFTT Product Introduction



Uniform and tight from beginning to end

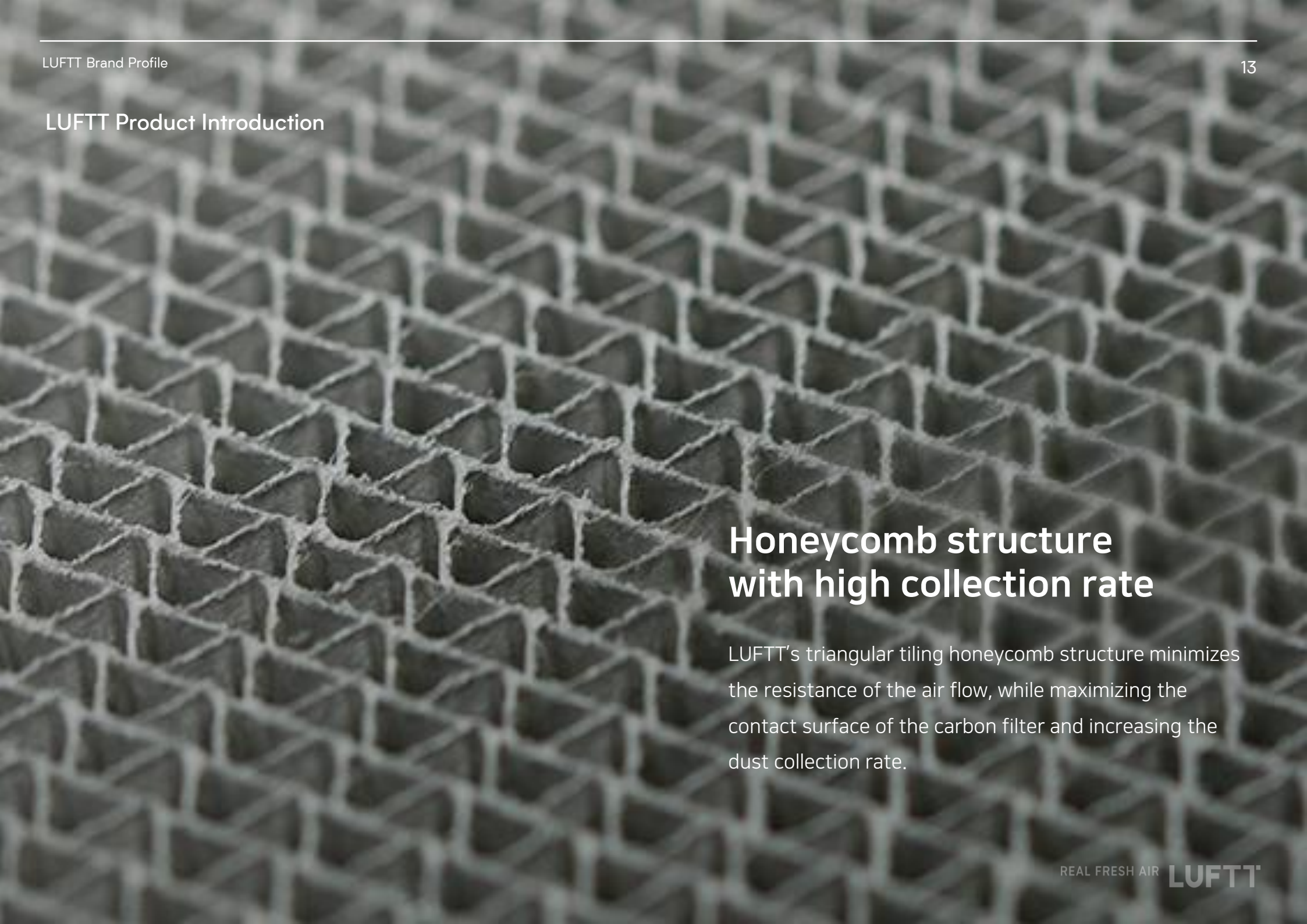
Adhesive on the filter cross section helps to maintain the most stable structure, from its first purchase to its removal.

LUFTT Product Introduction

Odor-resistant activated carbon

Activated carbon material, which is resistant to odor and great at absorbing harmful gas, makes the interior of the vehicle more comfortable.

LUFTT Product Introduction



Honeycomb structure with high collection rate

LUFTT's triangular tiling honeycomb structure minimizes the resistance of the air flow, while maximizing the contact surface of the carbon filter and increasing the dust collection rate.

LUFTT Product Introduction

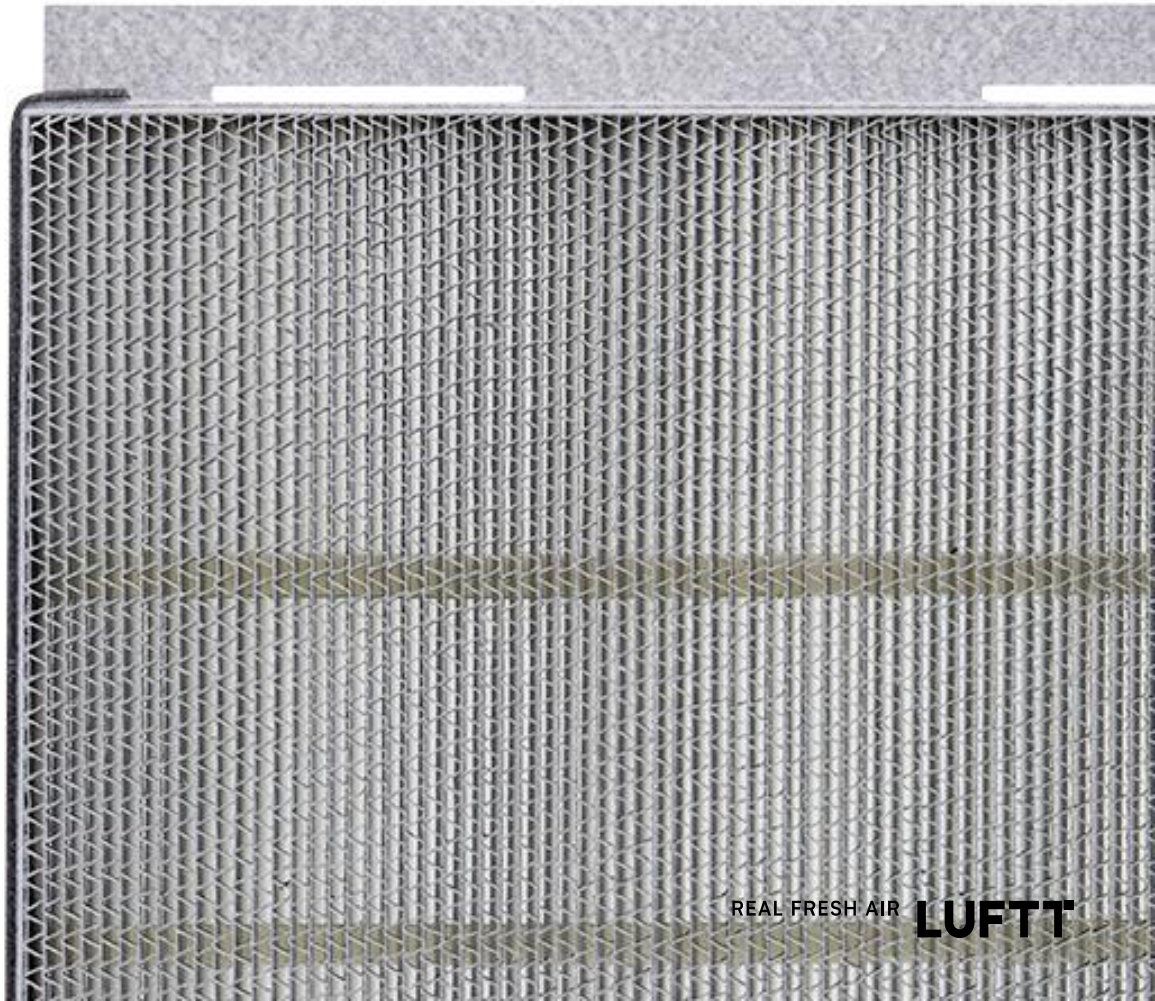
Clean finishing touches

The LUFTT filter is the world's leading filter manufacturing brand. Please beware of fake products!

LUFTT Product Introduction

Tight filtering

The LUFTT filter is designed to reflect the different structures and characteristics of each air conditioning unit. It perfectly filters fine dust through tight inner sealing of the air conditioner.



LUFTT TEST Report

Fine dust collection
efficiency TEST

LUFTT removes more than
98% of 0.3μm ultra-fine dust.

* Ability to remove 98.3% of MPPS fine dust from 150CMH air volume
(Cubic Meter Per Hour)

KCL

6578-7659-6609-4637

시험성적서

1. 성 적 서 번 호 : CT17-109100
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #4
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

1) #4

시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	98.3	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	14.8	(21 ± 1) ℃, (40 ± 5) % R.H.

• 정격 유량 : 2.5 ㎥/min
• 시료의 치수 : (225 • 250) ㎜
• 덕트의 크기 : (300 • 300) ㎜

이 하 여 백

확인	작성자 성 명	조성구	기술책임자 성 명	박진성

비고 : 1. 이 성적서는 의뢰자가 제시한 시료 및 시료명에 한정된 결과로서 전체제품에 대한 품질을 보증하지는 않습니다.
2. 이 성적서는 홍보, 선전, 광고 및 소송용으로 사용될 수 없으며, 용도 이외의 사용을 금합니다.

2017년 11월 01일

한국건설생활환경시험연구원장

가산시험연구동 : 08503 서울특별시 금천구 가산디지털1로 199 02-2102-2500
결과문의 : 전기전자팀 ☎ (02)2102-2789

총 1페이지 중 1페이지 양식QP-20-01-05(5)

LUFTT TEST Report

Fine dust collection efficiency TEST

Testing organization :

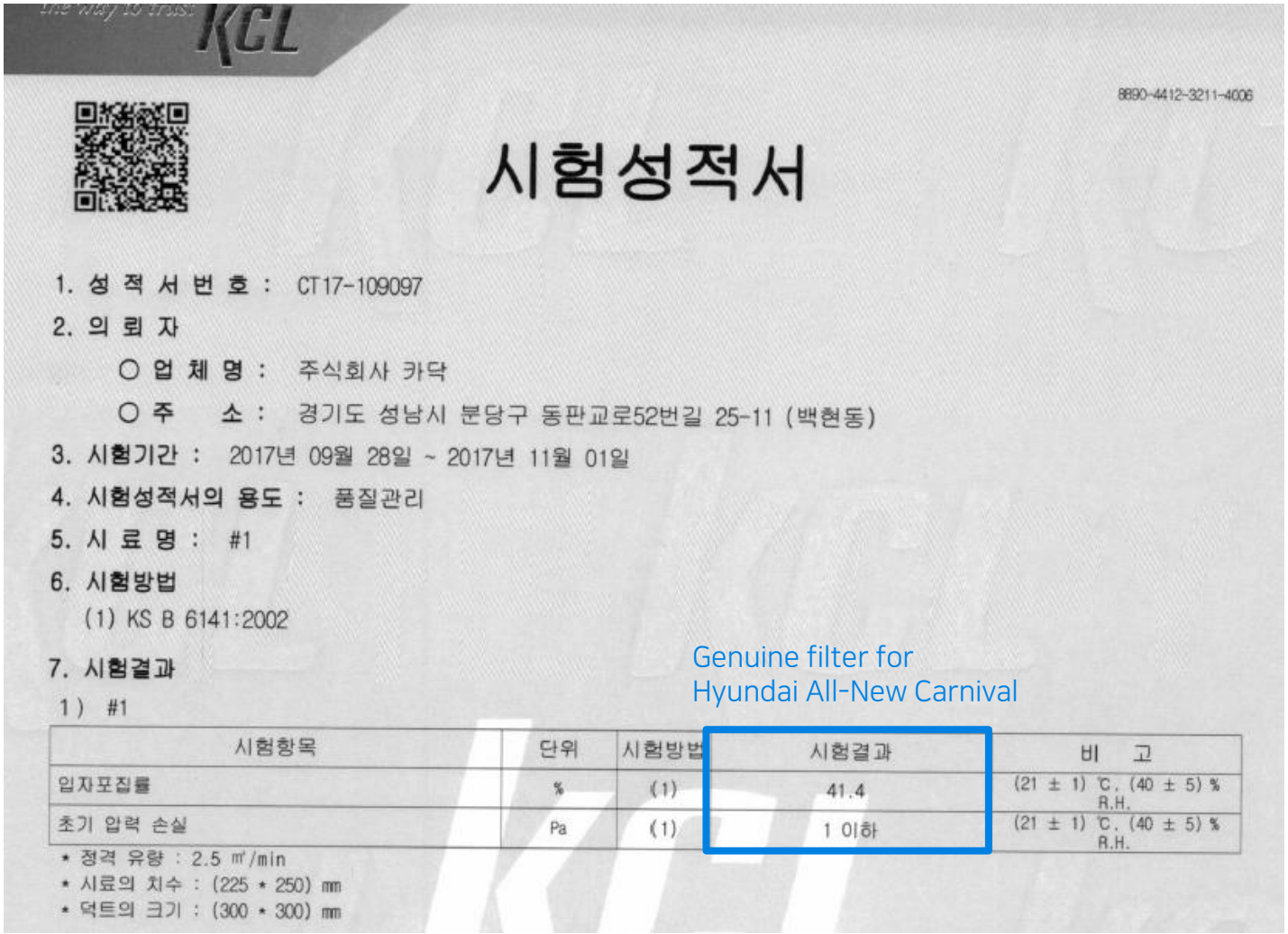
- KCL

Sample #1 :

- Hyundai Mobis
- All-New Carnival, HG Grandeur, etc.

Testing method :

- KS B 6141
- Air conditioner for ventilation
- Pressure loss, particle removal efficiency



KCL

8890-4412-3211-4006

시험성적서

1. 성 적 서 번 호 : CT17-109097
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #1
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

Genuine filter for
Hyundai All-New Carnival

1) #1

시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	41.4	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	1 이하	(21 ± 1) ℃, (40 ± 5) % R.H.

* 정격 유량 : 2.5 ㎥/min
* 시료의 치수 : (225 * 250) ㎜
* 덕트의 크기 : (300 * 300) ㎜

LUFTT TEST Report

Fine dust collection efficiency TEST

Testing organization :

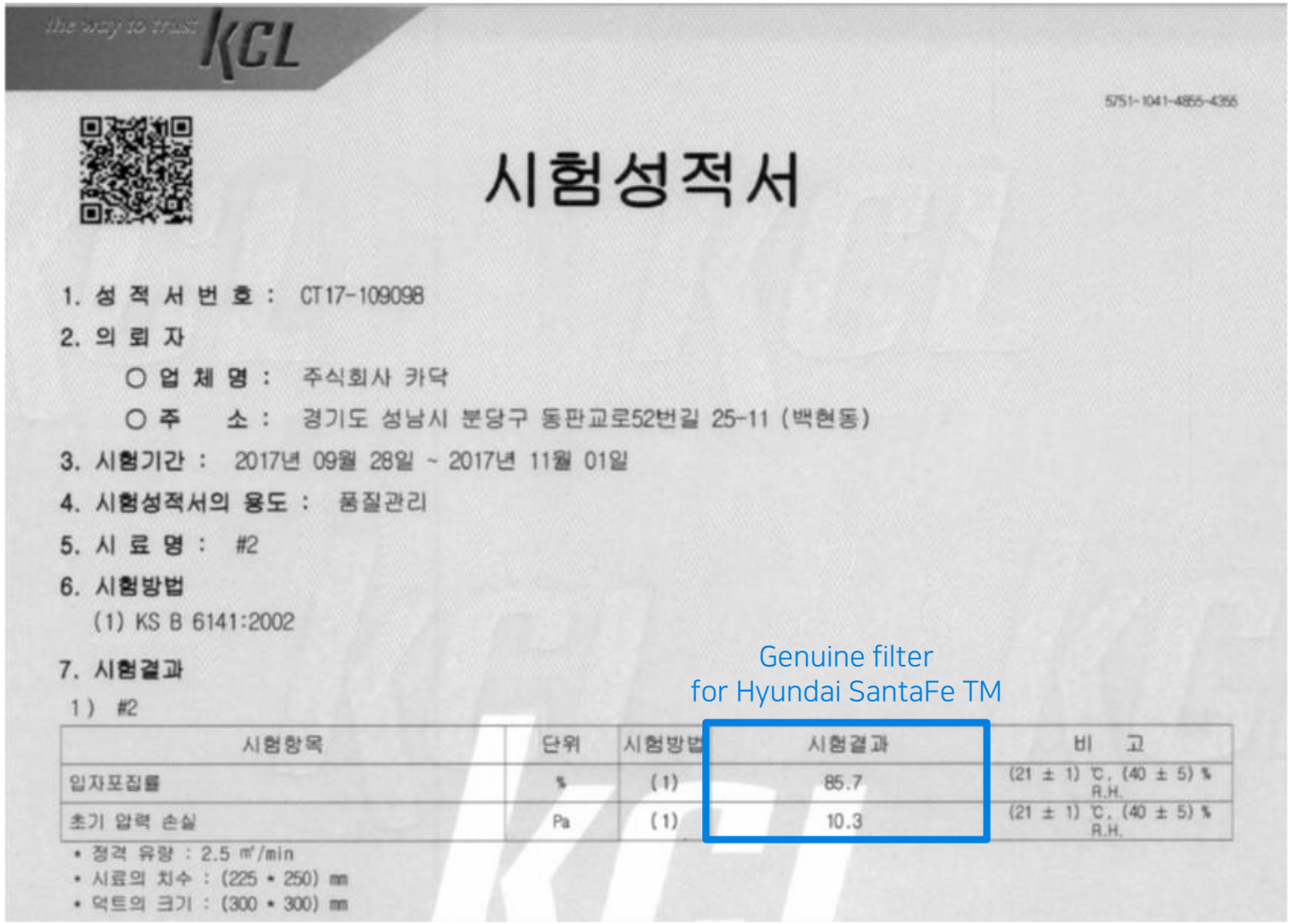
- KCL

Sample #2 :

- Hyundai Mobis
- SantaFe TM, Grandeur IG, etc.

Testing method :

- KS B 6141
- Air conditioner for ventilation
- Pressure loss, particle removal efficiency



the way to trust KCL

5751-1041-4855-4355

시험성적서

1. 성 적 서 번 호 : CT17-109098
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #2
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

Genuine filter
for Hyundai SantaFe TM

1) #2

시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	85.7	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	10.3	(21 ± 1) ℃, (40 ± 5) % R.H.

• 정격 유량 : 2.5 ㎥/min
• 시료의 치수 : (225 • 250) ㎜
• 덕트의 크기 : (300 • 300) ㎜

LUFTT TEST Report

Fine dust collection efficiency TEST

Testing organization :

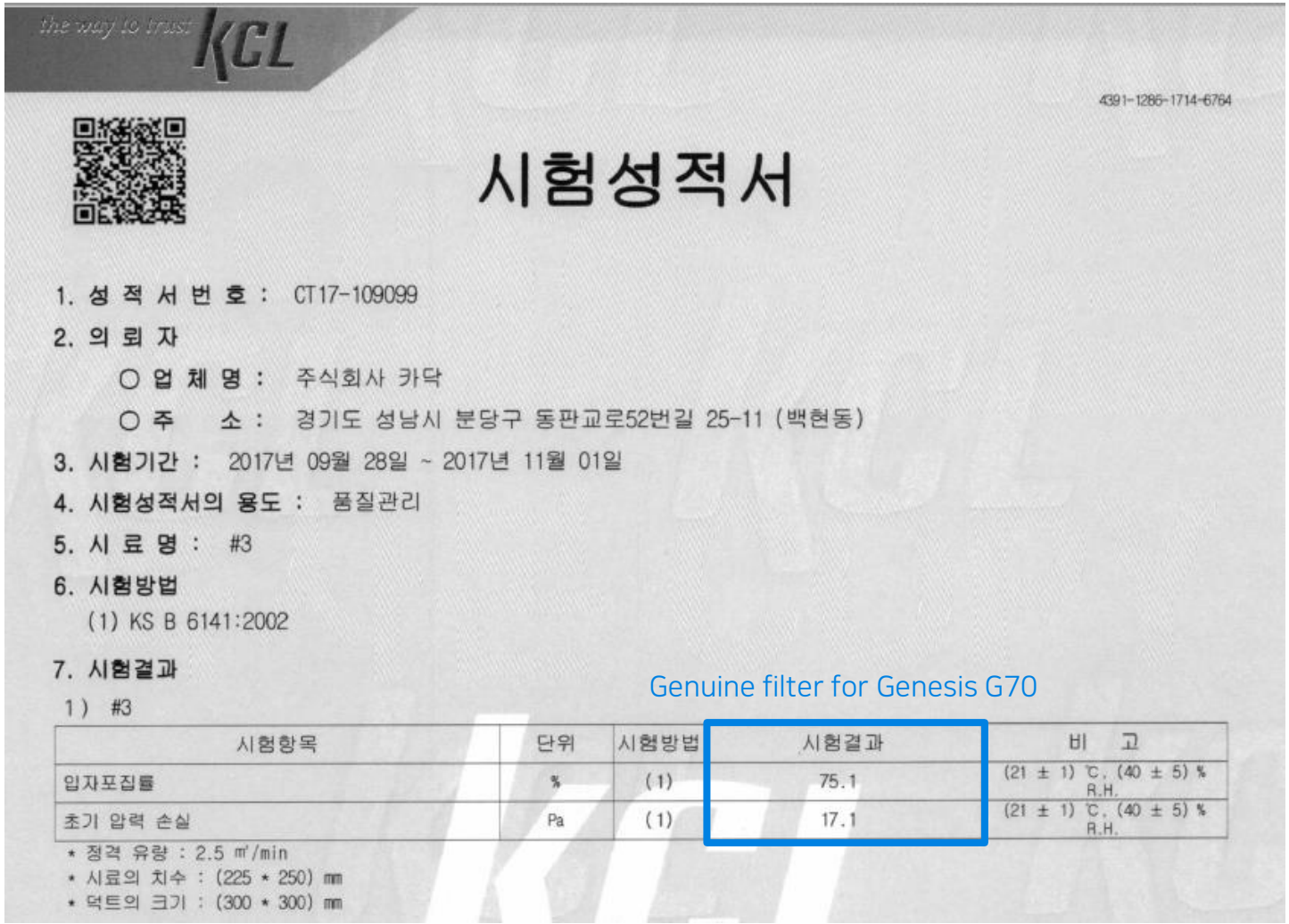
- KCL

Sample #3 :

- Hyundai Mobis
- Genesis, Equus, etc.

Testing method :

- KS B 6141
- Air conditioner for ventilation
- Pressure loss, particle removal efficiency



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4391-1286-1714-6764

시험성적서

1. 성 적 서 번 호 : CT17-109099
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #3
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

Genuine filter for Genesis G70

1) #3

시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	75.1	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	17.1	(21 ± 1) ℃, (40 ± 5) % R.H.

* 정격 유량 : 2.5 ㎥/min
* 시료의 치수 : (225 * 250) ㎜
* 덕트의 크기 : (300 * 300) ㎜

LUFTT TEST Report

Fine dust collection efficiency TEST

Testing organization :

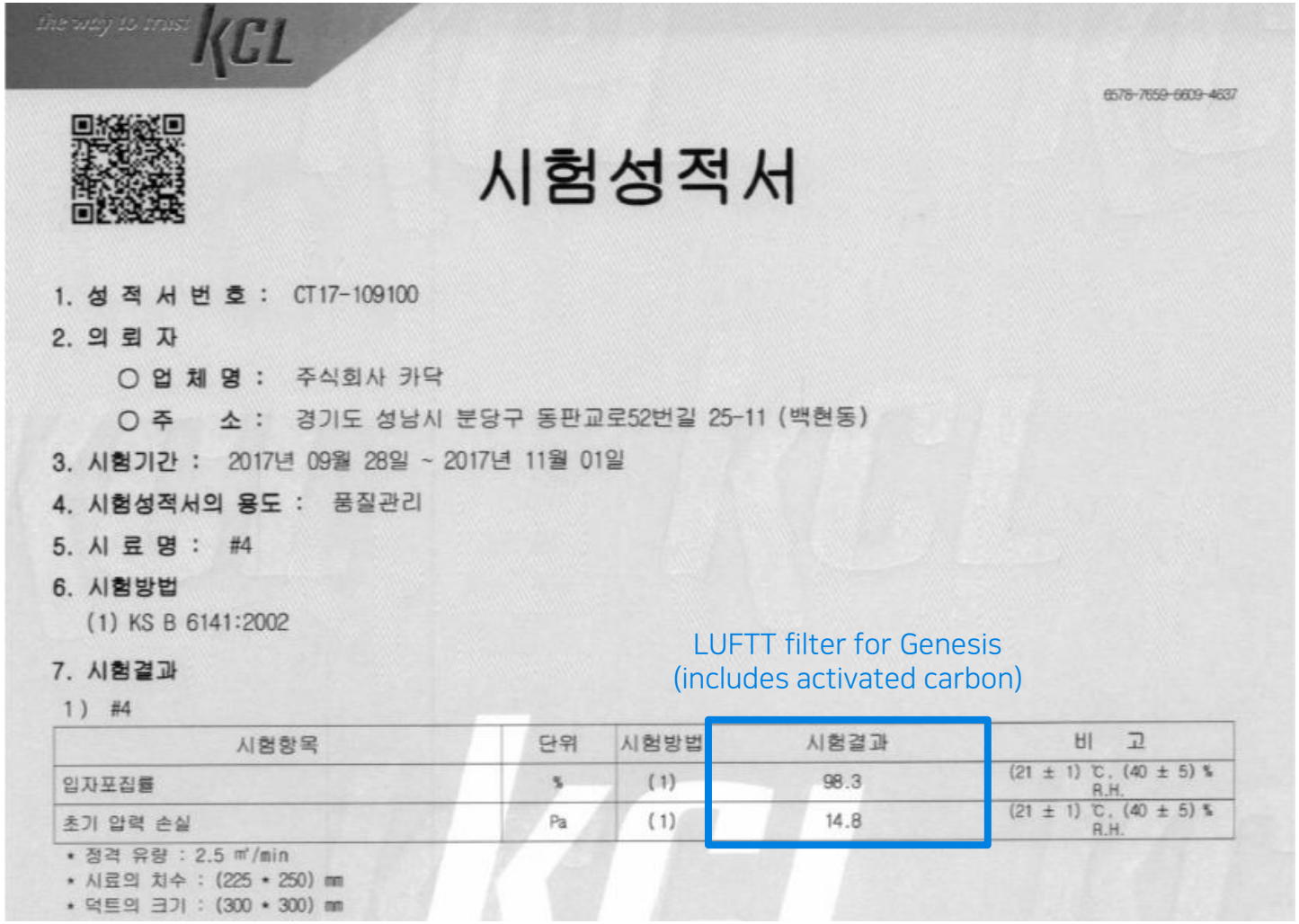
- KCL

Sample #4 :

- LUFTT
- Genesis, Equus, etc.

Testing method :

- KS B 6141
- Air conditioner for ventilation
- Pressure loss, particle removal efficiency



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6578-7659-6609-4637

시험성적서

1. 성 적 서 번 호 : CT17-109100
2. 의 뢰 자
   - ○ 업 체 명 : 주식회사 카닥
   - ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #4
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

LUFTT filter for Genesis
(includes activated carbon)

1) #4

시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	98.3	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	14.8	(21 ± 1) ℃, (40 ± 5) % R.H.

- 정격 유량 : 2.5 ㎥/min
- 시료의 치수 : (225 • 250) ㎜
- 덕트의 크기 : (300 • 300) ㎜

LUFTT TEST Report

Fine dust collection efficiency TEST

Testing organization :

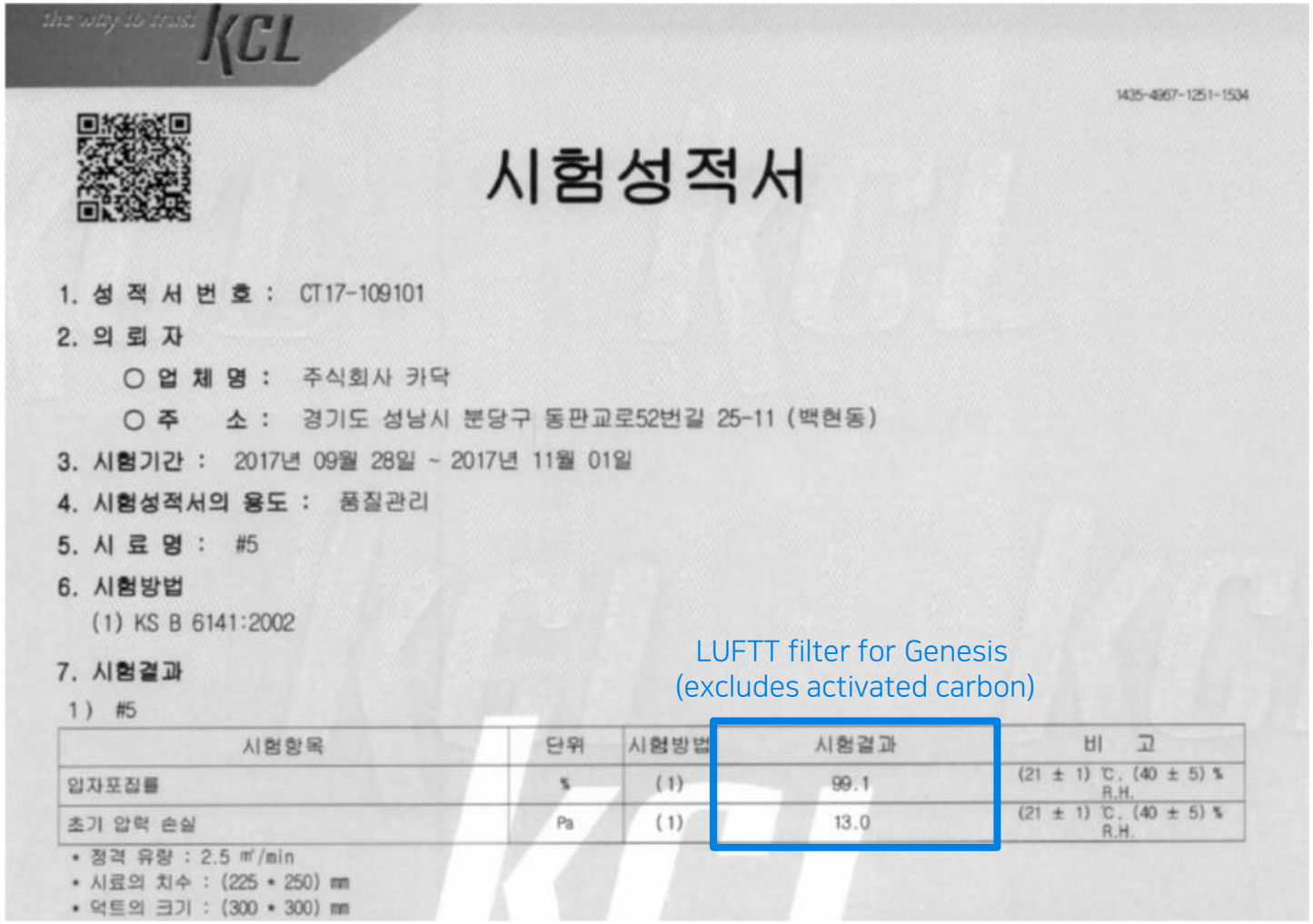
- KCL

Sample #5 :

- LUFTT
- For Genesis (excludes carbon)

Testing method :

- KS B 6141
- Air conditioner for ventilation
- Pressure loss, particle removal efficiency



the way to trust KCL

1435-4867-1251-1534

시험성적서

1. 성 적 서 번 호 : CT17-109101
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2017년 09월 28일 ~ 2017년 11월 01일
4. 시험성적서의 용도 : 품질관리
5. 시 료 명 : #5
6. 시험방법
   (1) KS B 6141:2002
7. 시험결과

LUFTT filter for Genesis
(excludes activated carbon)

1) #5

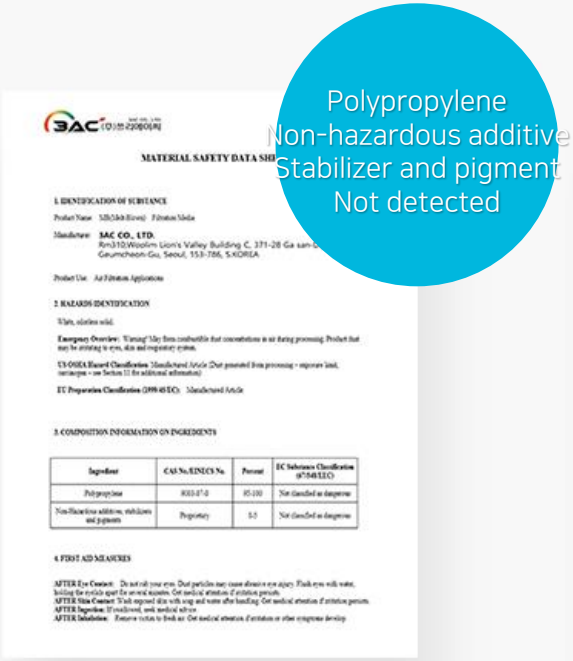
시험항목	단위	시험방법	시험결과	비 고
입자포집률	%	(1)	99.1	(21 ± 1) ℃, (40 ± 5) % R.H.
초기 압력 손실	Pa	(1)	13.0	(21 ± 1) ℃, (40 ± 5) % R.H.

- 정격 유량 : 2.5 ㎥/min
- 시료의 치수 : (225 • 250) ㎜
- 덕트의 크기 : (300 • 300) ㎜

LUFTT TEST Report

HEPA filter material related to heavy metal and toxicity test

LUFTT is the safest and most reliable product that was 100% clean in heavy metal and toxicity tests.



HEPA filter material substance safety health material

HEPA filter heavy metal, poison test result

LUFTT TEST Report

Vehicle interior material VOC test

Testing organization :

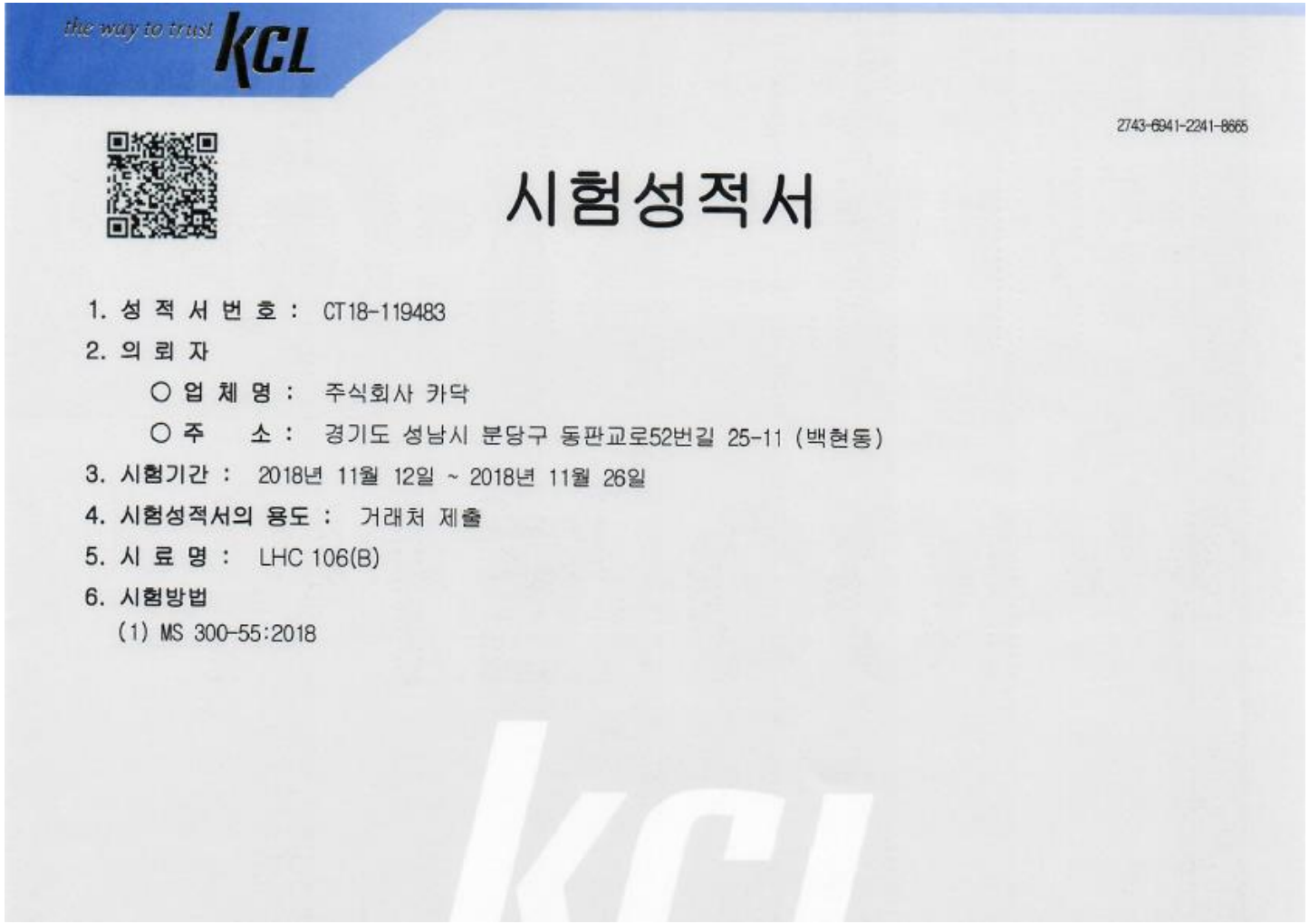
- KCL

Sample :

- LUFTT filter

Testing method :

- MS 300-55
- Volatile organic compound testing method
- Benzene, Touene, Ethylbenzene
- Xylene, Styrene and TVOC analysis
- Hyundai Motors fine testing method



the way to trust KCL

2743-6941-2241-8665

시험성적서

1. 성 적 서 번 호 : CT18-119483
2. 의 뢰 자
   ○ 업 체 명 : 주식회사 카닥
   ○ 주 소 : 경기도 성남시 분당구 동판교로52번길 25-11 (백현동)
3. 시험기간 : 2018년 11월 12일 ~ 2018년 11월 26일
4. 시험성적서의 용도 : 거래처 제출
5. 시 료 명 : LHC 106(B)
6. 시험방법
   (1) MS 300-55:2018

LUFTT TEST Report

Vehicle interior material VOC test

Testing organization :

- KCL

Sample :

- LUFTT filter for Genesis G70

Testing method :

- MS 300-55
- Volatile organic compound testing method
- Benzene, Touene, Ethylbenzene
- Xylene, Styrene and TVOC analysis
- Hyundai Motors fine testing method

the way to trust KCL

시험성적서

성적서번호 : CT18-119483

7. 시험결과

시험항목	단위	시험방법	시험결과	검출한계	최소요구기준 (적용)
Benzene	μg/m³	MS 300-55:2018 (정밀분석법)	불검출	10	30
Toluene	μg/m³		531	5	1 000
Ethylbenzene	μg/m³		24	5	1 000
m,p-Xylene	μg/m³		16	5	870
o-Xylene	μg/m³		불검출		
Styrene	μg/m³		불검출	5	220
Formaldehyde	μg/m³		불검출	10	210
Acetaldehyde	μg/m³		불검출	5	50
Acrolein	μg/m³		불검출	5	50

LUFTT TEST Report

Antibacterial performance test - Pneumococcus

Testing organization :

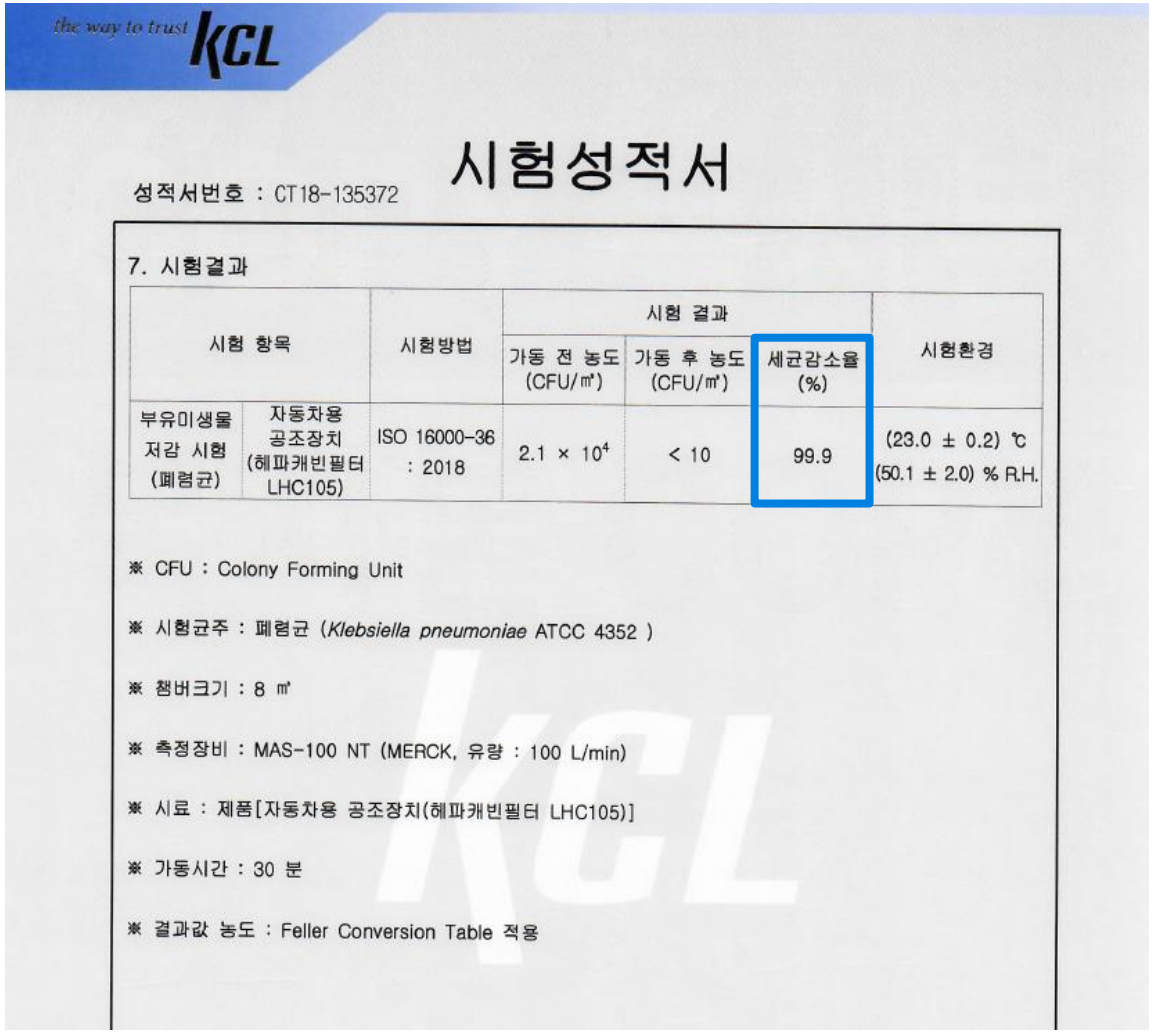
- KCL

Sample :

- LUFTT filter LHC105 for Genesis G70

Testing method :

- ISO 16000-36
- International standard
- Performance test chamber for sterilization performance using indoor air cleaner



the way to trust KCL

시험성적서

성적서번호 : CT18-135372

7. 시험결과

시험 항목		시험방법	시험 결과			시험환경
			가동 전 농도 (CFU/㎥)	가동 후 농도 (CFU/㎥)	세균감소율 (%)	
부유미생물 저감 시험 (폐렴균)	자동차용 공조장치 (헤파캐빈필터 LHC105)	ISO 16000-36 : 2018	2.1×10^4	< 10	99.9	(23.0 ± 0.2) ℃ (50.1 ± 2.0) % R.H.

※ CFU : Colony Forming Unit

※ 시험균주 : 폐렴균 (*Klebsiella pneumoniae* ATCC 4352)

※ 챔버크기 : 8 ㎥

※ 측정장비 : MAS-100 NT (MERCK, 유량 : 100 L/min)

※ 시료 : 제품[자동차용 공조장치(헤파캐빈필터 LHC105)]

※ 가동시간 : 30 분

※ 결과값 농도 : Feller Conversion Table 적용

LUFTT TEST Report

Antibacterial performance test – A. niger

Testing organization :

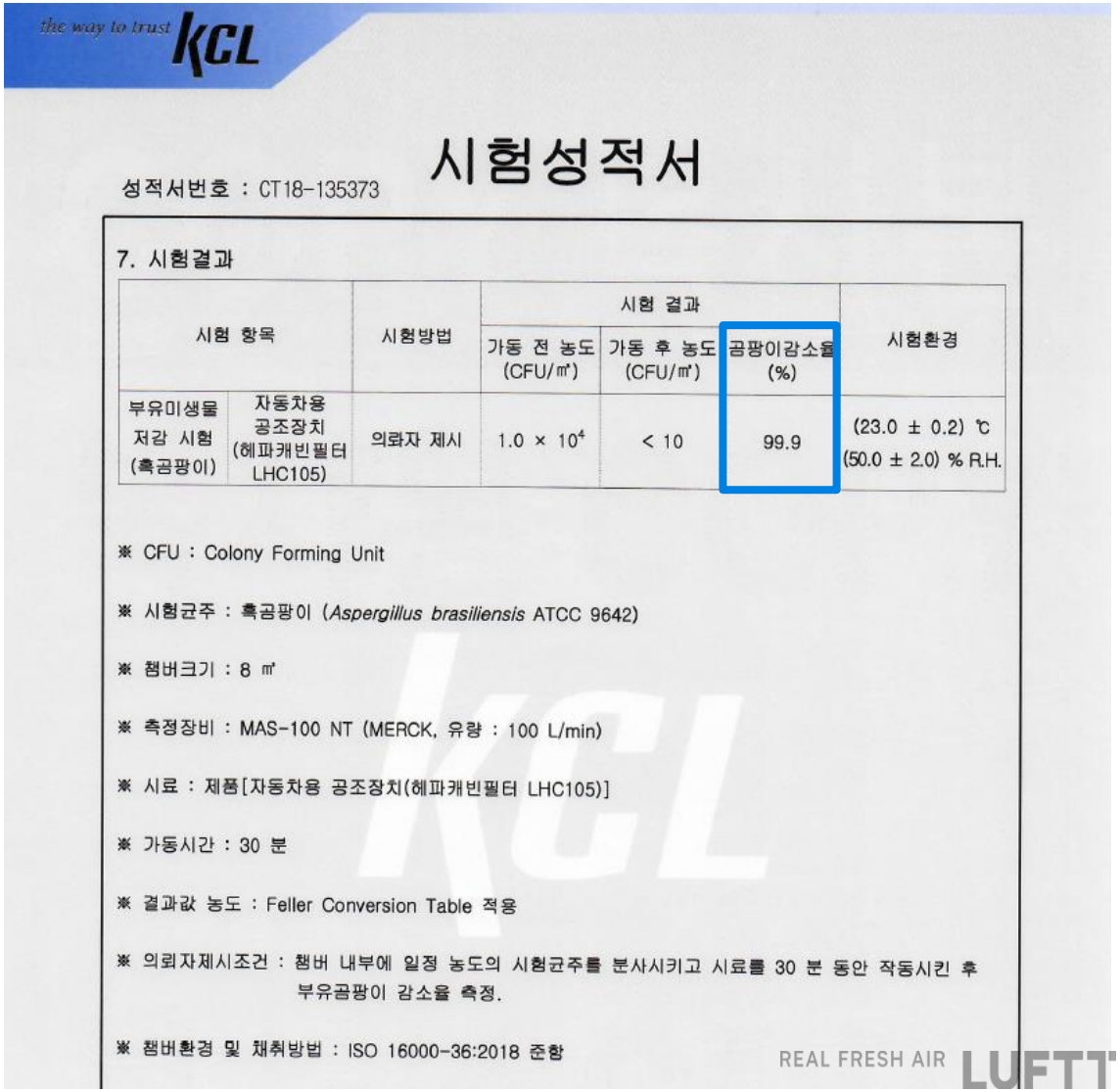
- KCL

Sample :

- LUFTT filter LHC105 for Genesis G70

Testing method :

- ISO 16000-36
- International standard
- Performance test chamber for sterilization performance using indoor air cleaner



the way to trust KCL

시험성적서

성적서번호 : CT18-135373

7. 시험결과

시험 항목		시험방법	시험 결과			시험환경
			가동 전 농도 (CFU/㎥)	가동 후 농도 (CFU/㎥)	곰팡이감소율 (%)	
부유미생물 저감 시험 (흑곰팡이)	자동차용 공조장치 (헤파캐빈필터 LHC105)	의뢰자 제시	1.0×10^4	< 10	99.9	(23.0 ± 0.2) ℃ (50.0 ± 2.0) % R.H.

※ CFU : Colony Forming Unit

※ 시험균주 : 흑곰팡이 (*Aspergillus brasiliensis* ATCC 9642)

※ 챔버크기 : 8 ㎥

※ 측정장비 : MAS-100 NT (MERCK, 유량 : 100 L/min)

※ 시료 : 제품[자동차용 공조장치(헤파캐빈필터 LHC105)]

※ 가동시간 : 30 분

※ 결과값 농도 : Feller Conversion Table 적용

※ 의뢰자제시조건 : 챔버 내부에 일정 농도의 시험균주를 분사시키고 시료를 30 분 동안 작동시킨 후 부유곰팡이 감소율 측정.

※ 챔버환경 및 채취방법 : ISO 16000-36:2018 준함

REAL FRESH AIR LUFTT

LUFTT Performance TEST

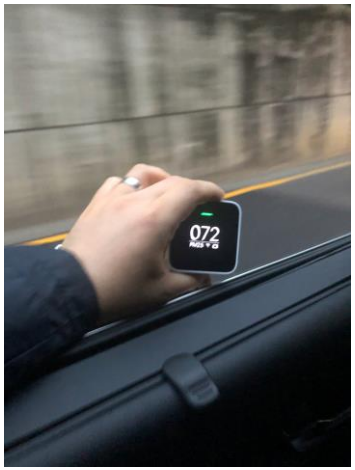
Condition

Vehicle : Santa Fe TM (2018~)

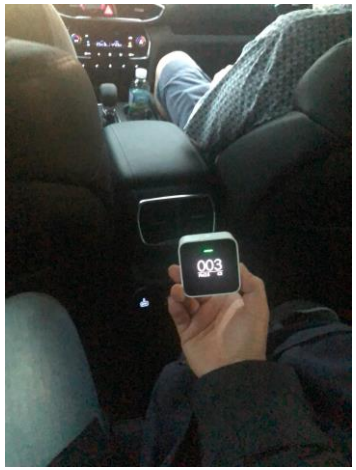
Product : LUFTT filter LHC 105

Measuring instrument : Xiaomi PM 2.5 fine dust measuring instrument

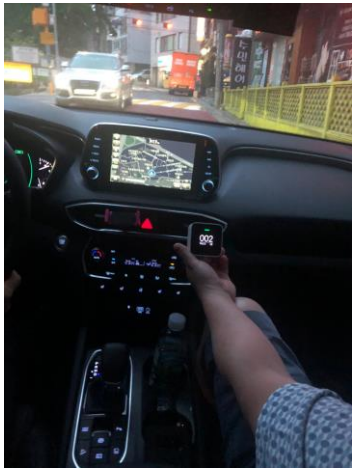
Result



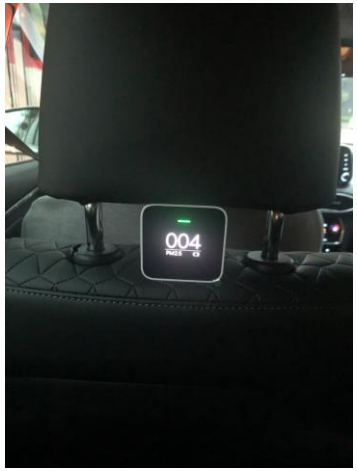
Outside air(outside of vehicle)
072



Back seat ventilator
003



Front seat ventilator
002



Driver's seat(middle)
004

LUFTT Performance TEST

Condition

LUFTT filter VS Vehicle air purifier

Experiment on the removal performance of cigarette smoke (PM2.5) when the LUFTT filter and the vehicle air cleaner are operated simultaneously in the same area (chamber with the interior size of Sonata)

Result

YouTube [Trying out air purifier for vehicle by myself] episode, LUFTT lab

PM2.5 particle size smoke injection for 30 seconds

LUFTT chamber fine dust reduction
at around 3 minutes 30 seconds

Achieved 10s in concentration with the measuring
Instrument within the LUFTT chamber at 4 minutes

LUFTT Performance TEST

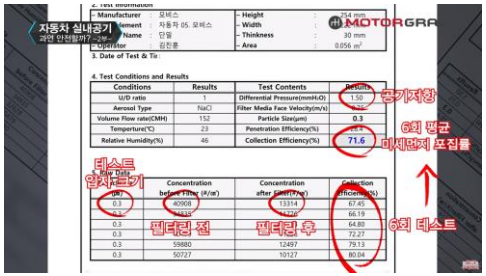
Condition

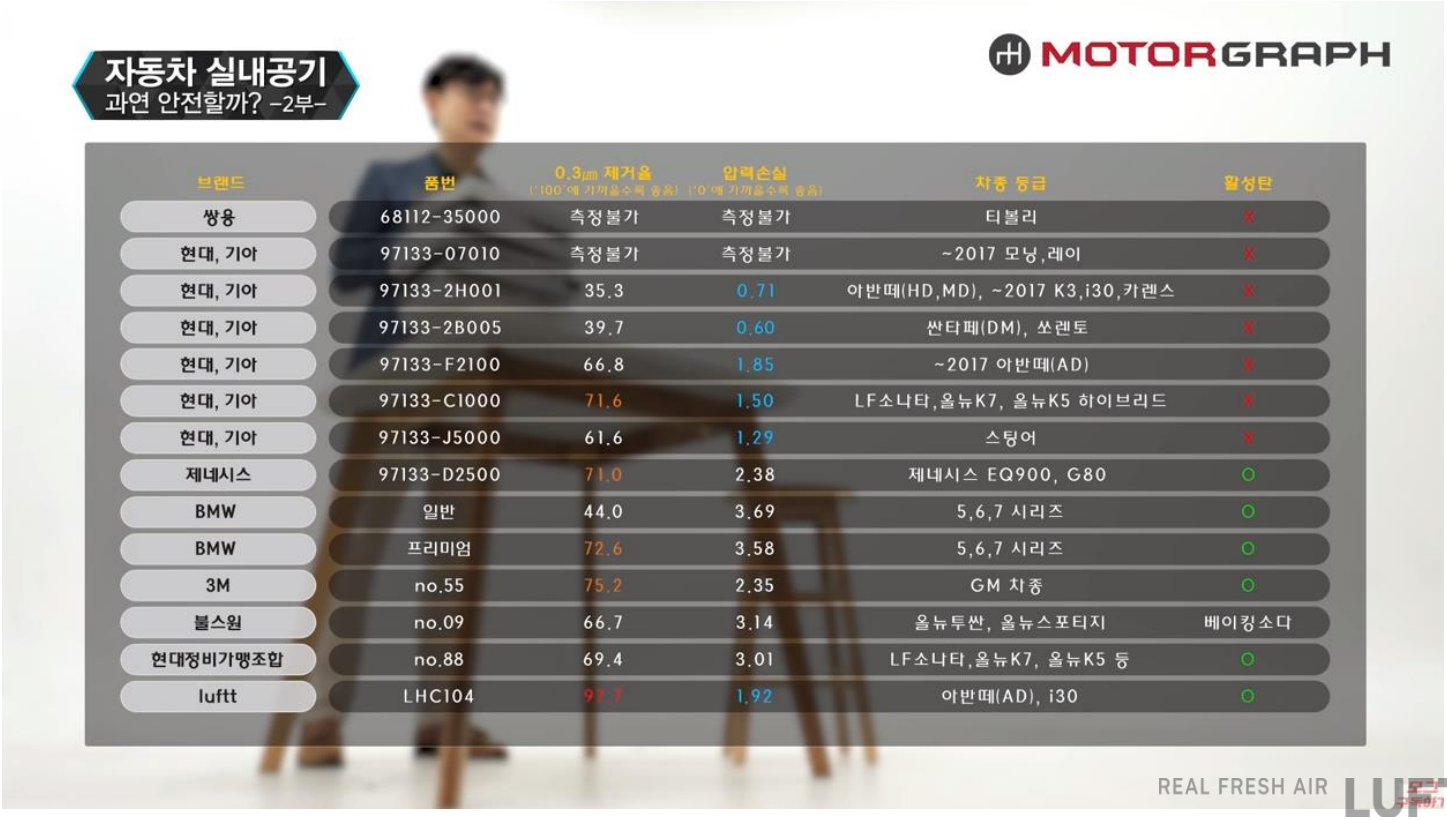
LUFTT filter VS Genuine brand and aftermarket products

Fine dust removal performance test for total of 11 genuine brand and aftermarket filters

Result

YouTube [Cabin filter (air conditioner filter), 'Is it effective at removing ultra-fine dust?'] – Special episode





브랜드	품번	0.3㎛ 제거율 ('100'에 가까울수록 좋음)	압력손실 ('0'에 가까울수록 좋음)	차종 등급	활성탄
쌍용	68112-35000	측정불가	측정불가	티볼리	X
현대, 기아	97133-07010	측정불가	측정불가	~2017 모닝,레이	X
현대, 기아	97133-2H001	35.3	0.71	아반떼(HD,MD), ~2017 K3,i30,카렌스	X
현대, 기아	97133-2B005	39.7	0.60	싼타페(DM), 쏘렌토	X
현대, 기아	97133-F2100	66.8	1.85	~2017 아반떼(AD)	X
현대, 기아	97133-C1000	71.6	1.50	LF소나타,올뉴K7, 올뉴K5 하이브리드	X
현대, 기아	97133-J5000	61.6	1.29	스팅어	X
제네시스	97133-D2500	71.0	2.38	제네시스 EQ900, G80	O
BMW	일반	44.0	3.69	5,6,7 시리즈	O
BMW	프리미엄	72.6	3.58	5,6,7 시리즈	O
3M	no.55	75.2	2.35	GM 차종	O
불스원	no.09	66.7	3.14	올뉴투싼, 올뉴스포티지	베이킹소다
현대정비가맹조합	no.88	69.4	3.01	LF소나타,올뉴K7, 올뉴K5 등	O
luftt	LHC104	91.7	1.92	아반떼(AD), i30	O

LUFTT Performance TEST

LUFTT filter vs Genuine brand and aftermarket products

Measured flow 150CMH(0.75m/s)

Brand	Item No.	Compatible Representative Vehicle	Pressure Loss (mmH2O)	0.3㎛ Removal Rate
Hyundai/Kia	97133-D2000	EQ900	1.52	66.9
Hyundai/Kia	97133-D2500	Genesis G70	2.38	71.2
Hyundai/Kia	97133-J5000	Stinger	1.29	61.6
Hyundai/Kia	97133-2W000	Santa Fe DM The Prime	0.6	39.7
Hyundai/Kia	97133-2B005	Santa Fe CM	1.85	66.8
Hyundai/Kia	97133-F2100	Avante AD, i30 PD	0.71	35.3
LUFTT	LHC105	Genesis G70	1.92	97.7
Clean air	-	K7, Sonata New Rise	3.01	69.4
3M	-	K7, Sonata New Rise	2.35	75.2
Bullsone	-	All-New Sorento	3.14	66.7
BOSCH	6036C(HEPA)	Sportage, Tucson(old), Accent	20.6	97.3
GM	4266231	The Next Spark, Malibu, Orlando, Alpheon, etc.	2.28	31.7
GM	13356916	All-New Malibu, Volt EV, Camaro, etc.	1.27	74.6
GM	13356914(activated carbon)	All-New Malibu, Volt EV, Camaro, etc.	2.76	54.1
BMW	Premium combination	5-series	3.58	72.6
BMW	Regular combination	5-series	3.69	44.0

Customer Reviews

I've measured it on the day with a lot of fine dust and it's operating fine.
Very satisfied. I wish the seller of these products get richer and richer.

-September, LHC106 customer

This filter is amazing. The car's indoor air is better than the house. With other products, the measure was usually +10 over the provided level from the environment corporation, but with this product, the measure is either 0 or 1. No other comment is needed.

- November, LHC135 customer

I can actually see that these are much finer than other filters and compared to the filters on the market, I think they have about double the number of creases.

-December, LHC105 customer

I installed and measured on the day with a high concentration of ultra-fine dust. It's actually different compared to the filters I used previously. Usually, the measure usually went over 20 for outdoor air mode but it's maintaining a single digit right now. I wasn't sure whether it works but now, I can trust it.

-December, LH36 customer

The smell is completely gone. I think even the smell of exhaust that usually followed the car is almost gone as well.

-December, LHC120 customer

I can actually feel the difference in air quality. It's better than the original filter for sure and with it, the smell of washer fluid was really bad that I had to switch to indoor air before spraying it, but with the LUFTT filter, I can't smell the washer fluid even when it's set to outdoor air, I'm satisfied.

-December, LHC104 customer

Compatible Model Information

The LUFTT filter covers more than 90% of domestic vehicles produced in the last five years.

LHC101	Volkswagen	CC	2011~
		Golf_MK5	2003~2009
		Golf_MK6	2008~2013
		Golf Cabriolet	2008~2013
		Jetta_MK5	2005~2011
		Jetta_MK6	2011~2016
		Passat_B6	2005~2009
		Passat_B7	2010~2018
		Scirocco	2008~
		Tiguan	2007~2017
		Beetle	2011~
	Audi	A3	2003~2012
		Q3	2011~
		TT/TTS/TTRS||	2006~2013
LHC102	Volkswagen	Golf_MK7	2013~
		Tiguan	2018.5~
		Tiguan All Space	2018~
		Passt GT	2018~
		Arteon	2018~
	Audi	A3 (Cabriolet)	2012~
		TT/TTS/TTRS|||	2014~
LHC104	Hyundai	AD Avante	2015.8~
		PD i30	2016.9~
		Kona EV	2018~
	Kia	All New K3	2018~
LHC105	Hyundai	LF Sonata	2014.1~
		LF Sonata Hybrid	2014.12~
		LF Sonata PH	2015.7~
		Sonata NewRise	2017.1~
		IG Grangeur	2016~
		IG Grangeur Hybrid	2017~
		G80	2016.7~
		G70	2017~
		Genesis BH	2008~2013
		Genesis DH	2013~2016
		EQ900	2015~
		New Equus	2009~2015
		Nexo	2018~
		Santafe TM	2018.2~
	Kia	All New K7	2016~
		All New K7 Hybrid	2016~
		All New K5 Hybrid	2016~
		All New K7 PH	2016.7~
		The New K9	2018~
		Stinger	2017~
LHC106	Hyundai	Kona	2017~
		The All New Veloster	2017~
		The All New VelosterN	2017~
LHC106-1	Hyundai	All New Tuscon (TL)	2015~
	Kia	All New Sportage (QL)	2016~
		Stonic	2017~
LHC107	Chevrolet	Malibu	~2016
		Olando	2011~2014
		Lacetti Premier	2009~2011
		Cruze	2011~2016
		Cruze Hatchback	2011~2016
		Aveo	2004~2016
		The New Aveo	2017~
		Tracks	2013~2016
		The New Tracks	2017~
		Spark	2013~2015
		The Next Spark	2015~
		Spark EV	2014~2016
		Alpheon	2011~2016
	Cadillac	SRX	2010~2016
LHC115	Ssangyong	G4 Rexton	2017~
			2018~
LHC116	Hyundai	Santafe CM	2008~2009
		Grangeur TG	2008~2010
		NF Sonata Transtorm	2007~2013
	Kia	Lotze	2008~2010
LHC119	Hyundai	Santefe CM The Style	2009~2012
		Veracruze (gasoline)	2011~2015
LHC120	Chevrolet	Impala	2014~
		All New Malibu	2016~
		Camaro SS	2016~
		All New Cruze	2016~
		VOLT EREV	2016~
		BOLT EV	2017~
		Colorado	2018~
		Equinox	2018~
		Traverse	2018~
	Cadillac	ATS	2013~
		CT6	2016~
		CTS	2014~
		XT5	2017~
LHC121	Honda	Accord	2003~
		Accord Hybird	2012.12~
		Civic	2006~2015
		CR-V	2007~2016
		Odyssey	2005~2017
		Pilot	2009~
		Crosstour	2012~2015
LHC122	Kia	All New K5	2016~2018
		The New K5	2018.1~
LHC125	Kia	All New Morning	2017~
LHC126	Kia	All New Sorento	2014~
		Sorento The Master	2018~
LHC128	Kia	All New Soul	2013~2016
		The New Soul	2016~
		Soul EV	2014~
LHC130	Ssangyong	Tivoli	2015~
		Tivoli Air	2016~
		Tivoli Amour	2017~
LHC131	Ford	Explorer	2011~2019
		Taurus	2009~2019
	Lincoln	MKS	2010~2016
		MKT	2010~2019
LHC201	BMW	5 Sseries	2010~
		M5	2012~2017
		5 Sseries GT	2009~2017
		6 Sseries GranCoup	2011~
		7 Sseries	2008~
	Rollce-royce	Ghost	2009~
LHC205	BMW	5 Sseries	2017~
		M5	2018~
		6 Sseries Granturismo	2017~
		7 Sseries	2015~
		X5	2018~

Compatible Model Information

LH132	Hyundai	Grangeur HG	2011.1~2016.11
		Grangeur HG Hybrid	2014~2017
		YF Sonata	2009.8~2016.2
		YF Sonata Hybrid	2011.5~2014.10
		Aslan	2014.10~
		Maxcruze	2013~2015
		The New Maxcruze	2015~
		Santafe DM	2012.4~2015.6
		Santafe The Prime	2015.6~2018.1
	Kia	The New K7	2012~2016
		K7 Hybrid	2013.12~2016.11
		K7	2009.11~2016.1
		The New K5	2013~2015
		K5	2010~2014
		K5 Hybrid	2011~2015
		All New Carnival	2014.5~
		The New Carnival	2018~
LH134	Hyundai	IONIQ Hybrid	2015.12~
		IONIQ EV	2016~
		i30	2011~2015
		The New i30	2015~2016
		The New Avante MD	2013.8~2015.9
		Avante MD	2010.7~2013.10
		Avante Coupe	2013~2015
		Avante HD Hybrid	2009~2013
		Avante HD	2006.5~2010.8
		VernaTransform	2009~2010
		Verna MC	2005~2009
	Kia	K3	2012.8~2015.11
		The New K3	2015.11~2018.2
		K3 KOUP	2013~2017
		All New Carens	2013.2~2016
		The New Carens	2016.7~
		Niro	2016.3~
		Niro EV	2018~
		Niro Plugin Hybrid	2018~
LH135	Kia	Sorento	2009.3~2012.8
		New Sorento R	2012.6~2014.8
		Grand Carnival	2005.7~2006.12
		New Carnival	2006.1~2010.1
		Carnivla R	2010.1~2014.6
		Mohave	2008~
		Cerato	2003~2006
		New Cerato	2006~2008
LH136	Hyundai	Accent	2010.10~
		i40	2011~
		Tuscon ix	2009~2015
		Tuscon	2004.3~2009.9
		Veloster	2011~2015
		The New Veloster	2015~2018
		Genesis Coupe	2008~2011
		The New Genesis Coupe	2011~2016
	Kia	Pride Hybrid	2005.10~2009.12
		The New Pride	2014.12~
		All New Pride	2011.8~2014.12
		New Pride	2005.2~2011.9
		Forte (Coupe, Hybrid)	2008.8~2013.3
		Sportage R	2010.3~2015.9
		New Sportage	2004~2010
		New Carens	2006.3~2012.12

Coming Up

LHC112	Audi	A6	2012~
		A7	2010~
		A8	2010~
	Bentley	Mulsanne	2009~
LHC110	BMW	1 Series	2011~
		2 Series	2013~
		3 Series	2012~
		3 Series Gran Turismo	2013~
		4 Series	2013~
LHC111	Audi	A4	2007~2013
		A5	2008.6~2017.01
		Q5	2008.11~2017.5
		RS4	2013~
		RS5	2010~2013
	Porsche	Macan	2014~
LHC117	Mini	Mini Cooper I	2001~2008
		Mini One I	2001~2008
LHC124	Landrover	Discobery Sport	2014~
		Freelander II	2006~2014
		Range Rover Evoque	2011~
	Volvo	S60 II	2010~
		V60	2010~
		S80 II	2006~2016
		V70 II / V70 III	2007~2016
		XC60	2008~2017
		XC70 II	2000~2007
	Jaguar	E-Pace	2017~
LHC127	Landrover	Range Rover IV	2014~2019
		Range Rover Sport II	2013~
		Range Rover Velar	2017~
		Discovery	2017~2018
	Jaguar	F-Pace	2017~2018
		XE	2017~2018
		XF	2016~2018
	Lexus	CT200H	2011~2017
		ES300H	2013~2018
		ES350	2007~2018
		GS300	2006~
		GS350	2007~2011
		GS430	2006~2007
		GS450H	2007~2011
		GS460	2008~2011
		GX460	2010~2018
		HS250H	2010~2012
		IS F	2008~2014
		IS250	2006~2013
		IS350	2006~2013
		LFA	2012
		LS460	2007~2017
		LS600H	2008~2015
		LX570	2008~2011
		LX570	2013~2018
		NX200T	2015~2018
		NX300	2018~2019
		NX300H	2015~2019
		RX350	2010~2015
		RX450H	2010~2015
		VIBE	2009~2010
	Toyota	4RUNNER	2010-2019
		AVALON	2005-2018
		CAMRY	2007-2017
		COROLLA	2009-2019
		COROLLA IM	2017-2018
		PRIUS	2010-2016
		PRIUS C	2012-2019
		PRIUS PLUG-IN	2012-2015
		PRIUS V	2012-2018
		RAV4	2013-2014
		RAV4	2006-2008
		RAV4	2009-2018
		RAV4	2006-2012
		SEQUOIA	2008-2019
		SIENNA	2004-2005
		SIENNA	2011-2019
		TUNDRA	2007-2019

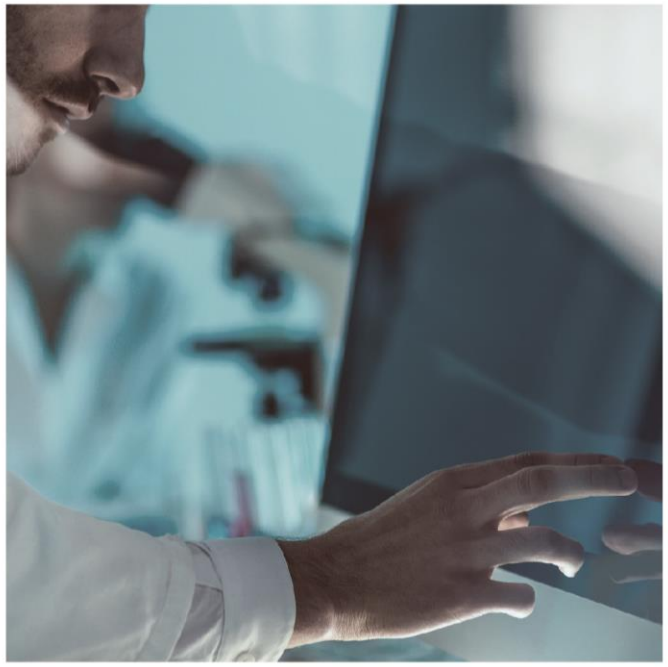
Brand Essence

Innovative Balance

Our enthusiasm for natural pure air is achieved through the innovation of the balance through the best technology and know-how and neverending sincerity for people.

Brand Value

Authentic



Technical &
Professional

Healthy

Brand Platform

Brand platform reflects the logical flow of brand spirit and core values of LUFTT.
To establish the direction, philosophy, and identity of the brand, each platform element must be internalized, and to increase brand value, a consistent brand operation based on brand platform is required.

Brand Essence

Innovative Balance

Our enthusiasm for natural pure air is achieved
through the innovation of the balance
through the best technology and know-how and never-ending sincerity for people.

Brand Value

Authentic
With sincerity and trust

Technical & Professional
Products made with professional technology

Healthy
With clean air and health in mind

Design Principle

Intuitive & Essential

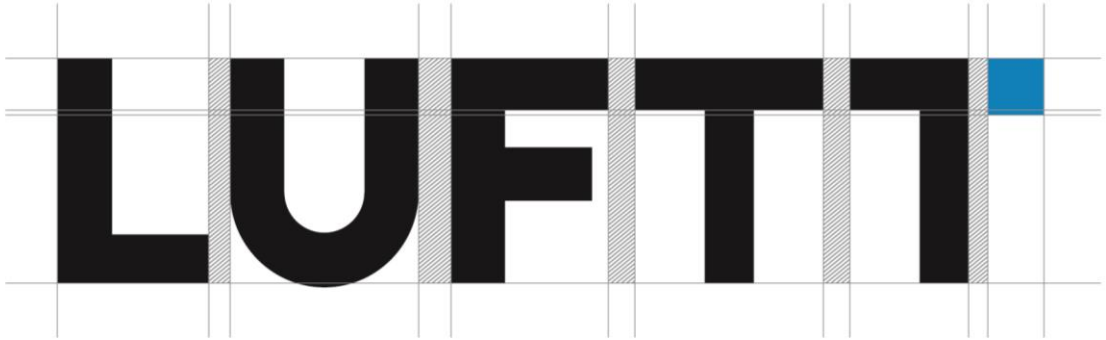
Functional & Systematic

Clean & Natural

Refined & Advanced

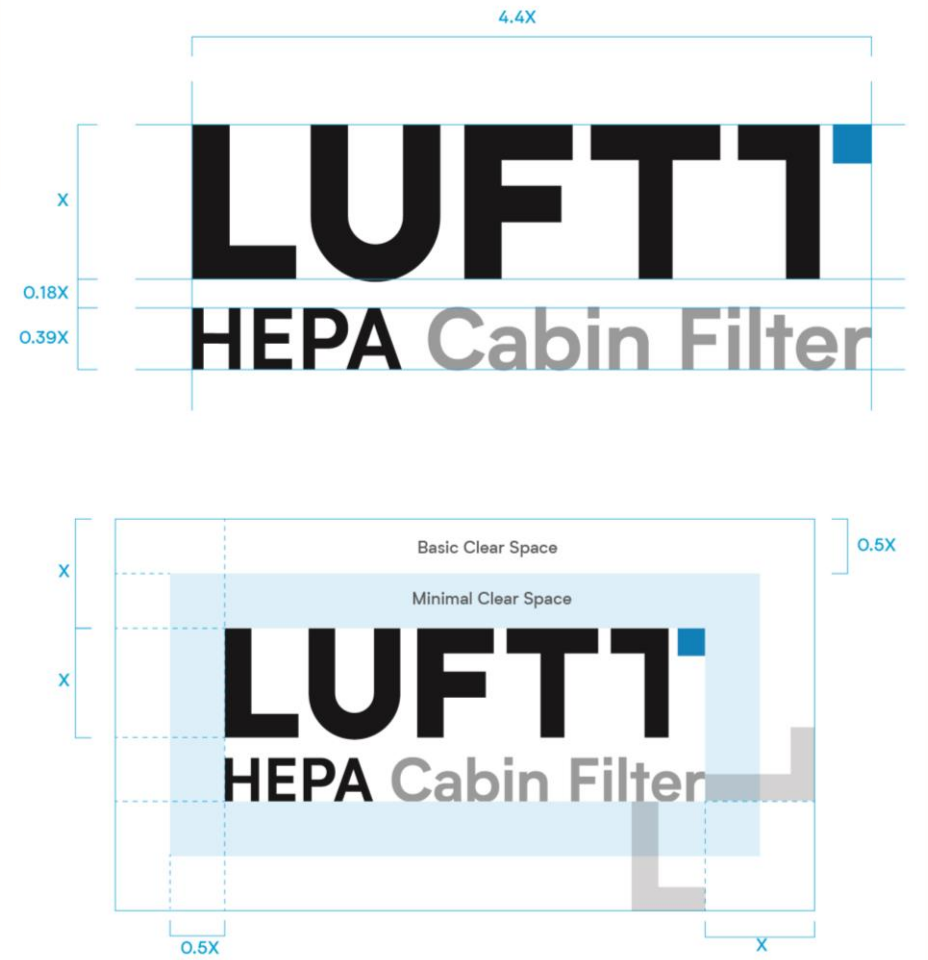
Primary Logo(CI)

LUFTT CI is a key symbol and the most important asset that is at the heart of all visual communications.
Therefore, it is strictly prohibited to modify or distort it, and it must be carefully managed to optimize it for the environment in which it is implemented. In principle, it is necessary to consult with the brand management department before using it



Product Logo

LUFTT product logo is a signature-type that combines watermark and the brand name.
Be careful not to abuse all of the items and pay close attention when using it, such as colors.



乐富特
HEPA 车空调滤芯

Chinese version

Minimum usage specification

LUFTT HEPA Cabin Filter 6.5mm

최소사용규정 (Digital)

LUFTT HEPA Cabin Filter 20px

Color Palette

Brand color is an asset that is used throughout the LUFTT VI and is the most important element in representing the brand image. LUFTT's main color is CI's two representative colors, HEX code is used for screen output and in principle, spot color is used for printing, but it is possible to print four primary colors according to the expression medium.
Secondary color is used for emphasis, while white and blue tones that can convey the brand image in color configuration are maintained as the main

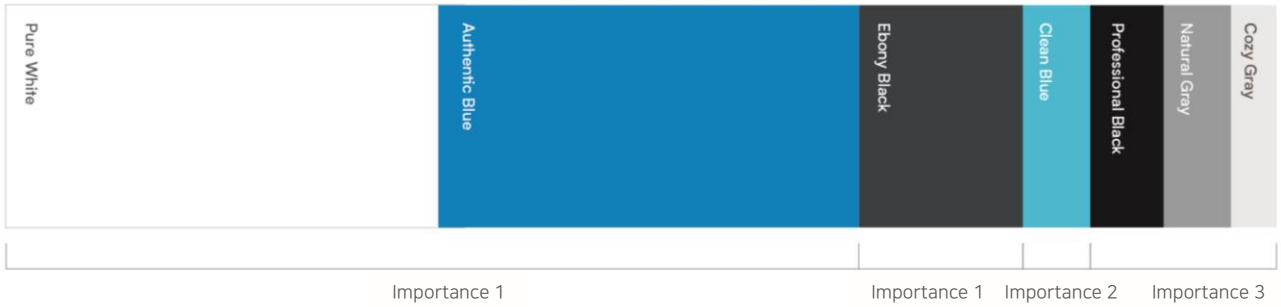
Primary Color

Pantone 2195C	Pantone BlackC	White
CMYK 90/30/0/0	CMYK 0/0/0/100	CMYK 0/0/0/0
RGB 0/120/230	RGB 0/179/227	RGB 255/255/255
HEX 0078E6	HEX 000000	HEX FFFFFF
Authentic Blue	Professional Black	Pure White

Secondary Color

Pantone 7545C	Pantone Cool Gray 7C	Pantone Cool Gray 1C	Pantone 306C
CMYK 15/0/0/85	CMYK 0/0/0/50	CMYK 0/0/0/10	CMYK 70/0/10/0
RGB 65/69/72	RGB 160/160/160	RGB 239/239/239	RGB 0/183/222
HEX 414548	HEX A0A0A0	HEX EFEFEF	HEX 00B7DE
Ebony Black	Natural Gray	Cozy Gray	Clean Blue

Color Proportion



Package Experience

To deliver the brand image of LUFTT, it is produced with usability and aesthetic of the product package in mind

Usability

1 Category

Package cost reduced by classifying products by label usage

2 Easy Cut

Provide convenience with it being easy to open by the customer

3 Transparency

Be considerate to customers so that they can recognize products with transparent windows

Design

1 Aesthetic

After product purchase, provide aesthetic satisfaction through the design

2 Technical

Express the technology and the characteristics of the product through illustration and icon

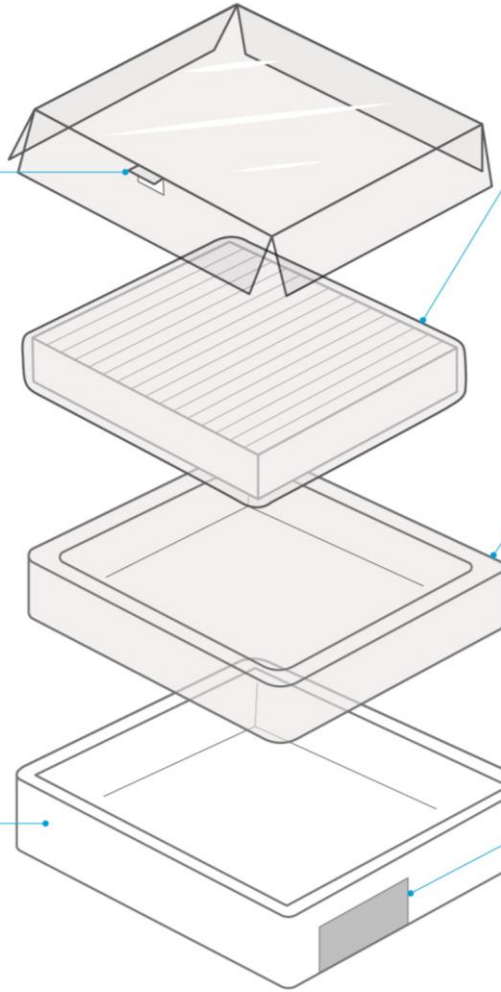
Package Structure

To deliver the brand image of Luftt, it is produced with usability and aesthetic of the product package in mind. In principle, consultation with the brand management department is conducted during production.

PET(cover)
Overall UV printing for PET

Groove production for opening

Y-type box
Loyal ivory



Semi-transparent packaging

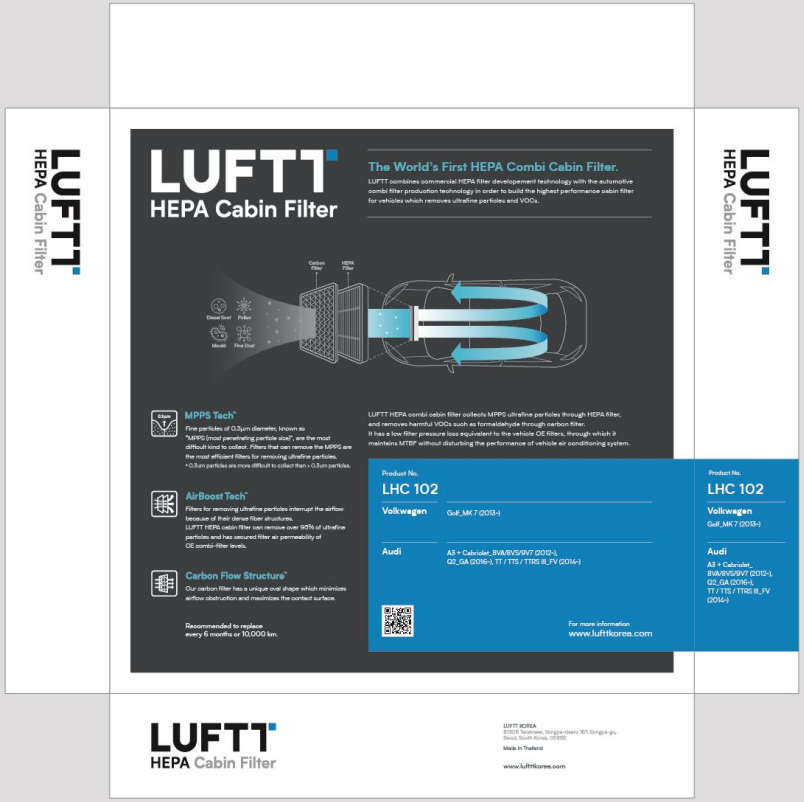
PET(pressure forming)

4-stage printing
Attach after label printing

Package Box

Front

Back



Scale 25%

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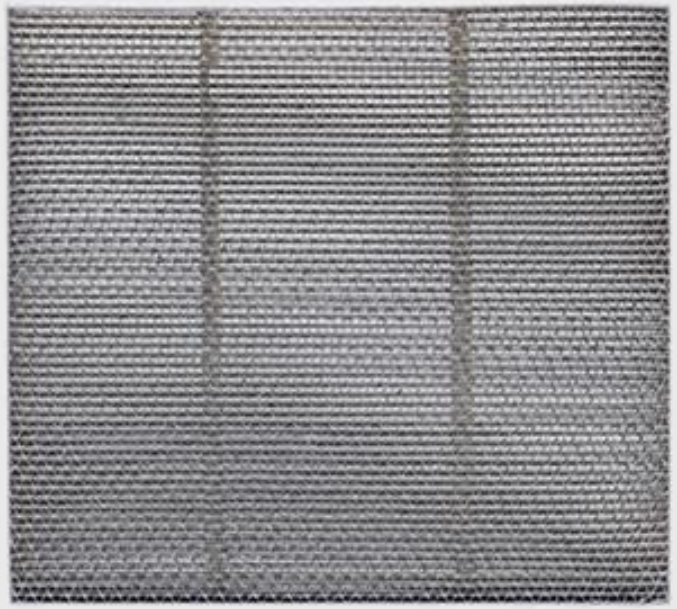

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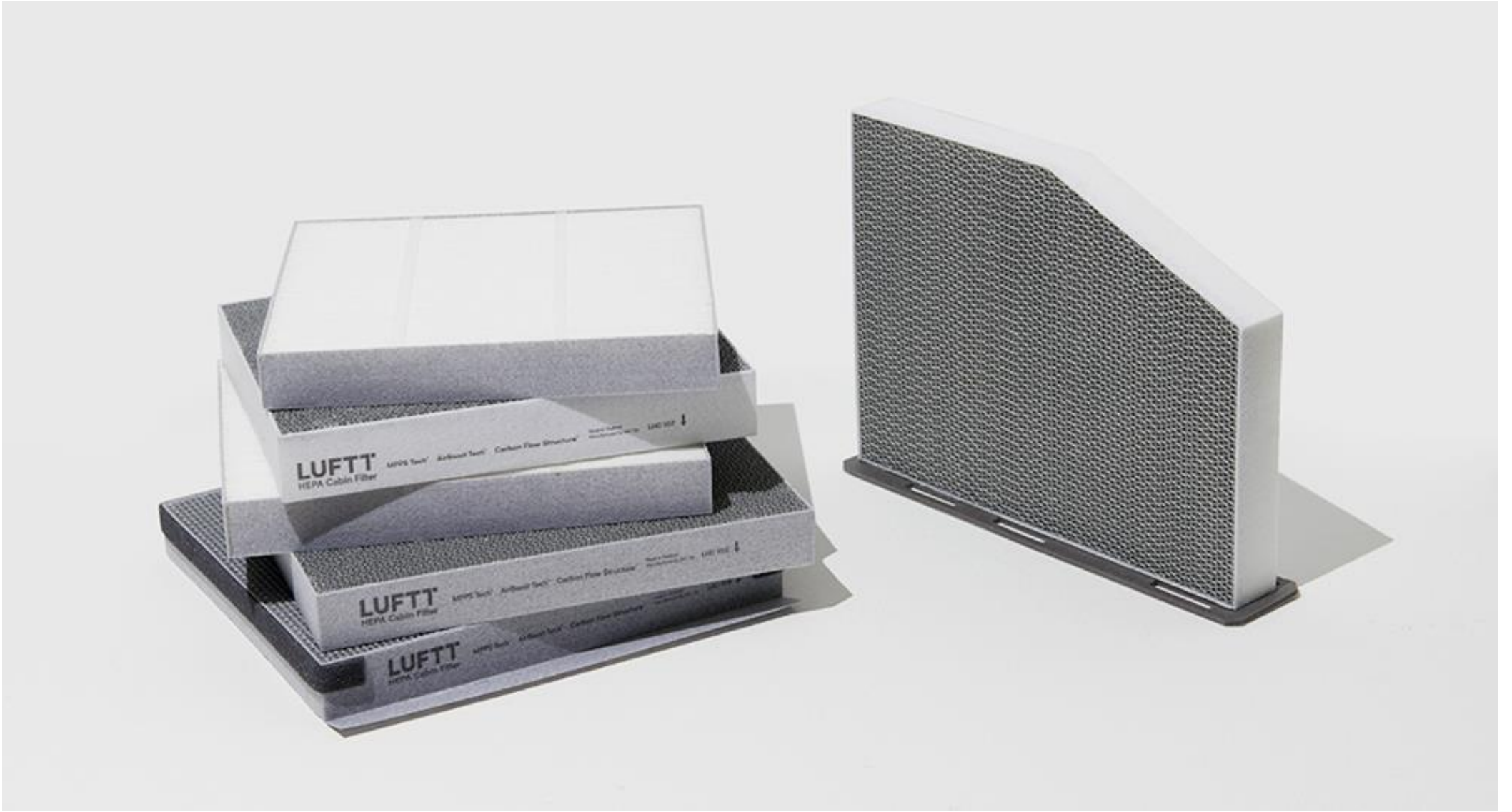

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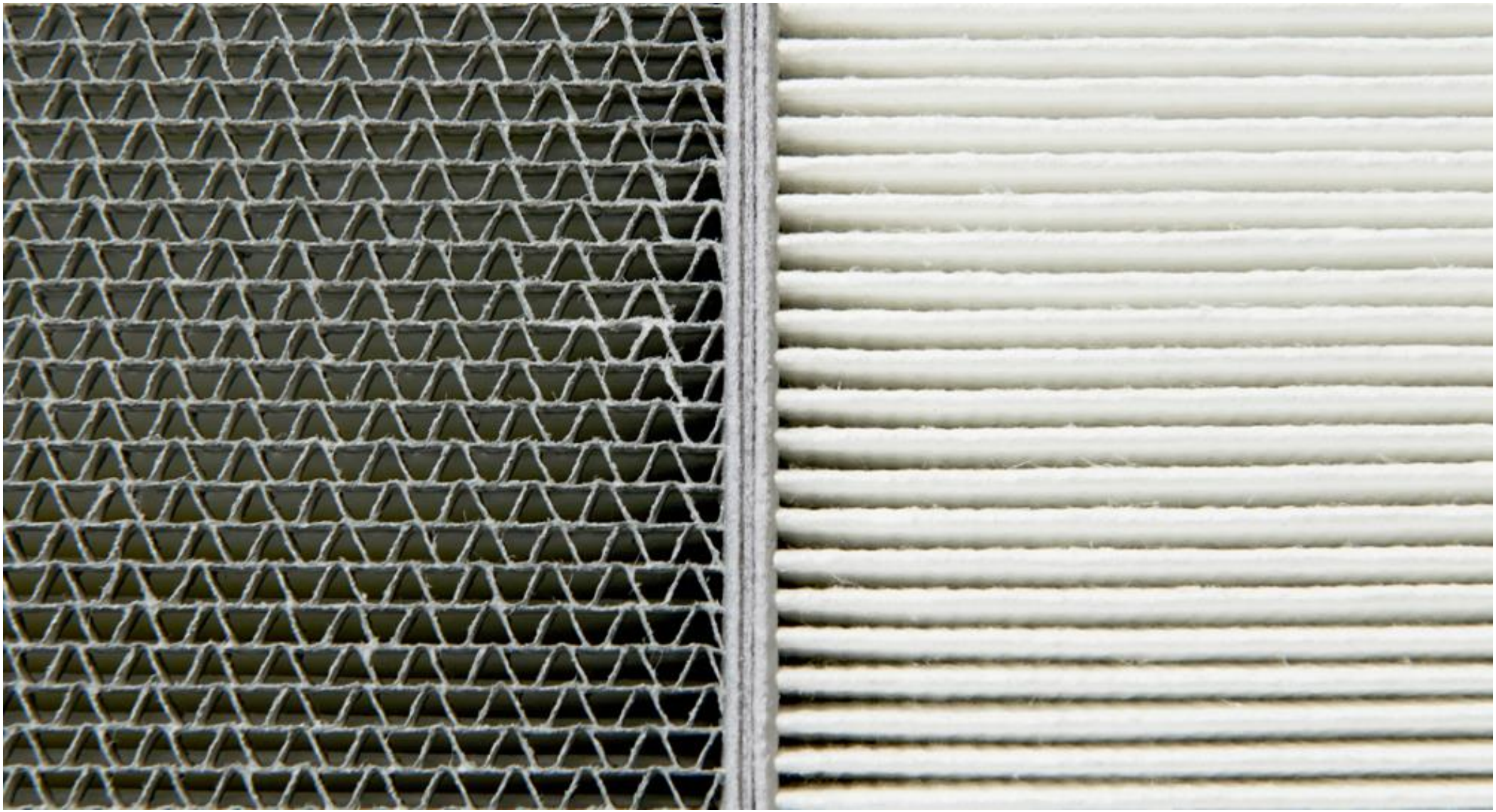

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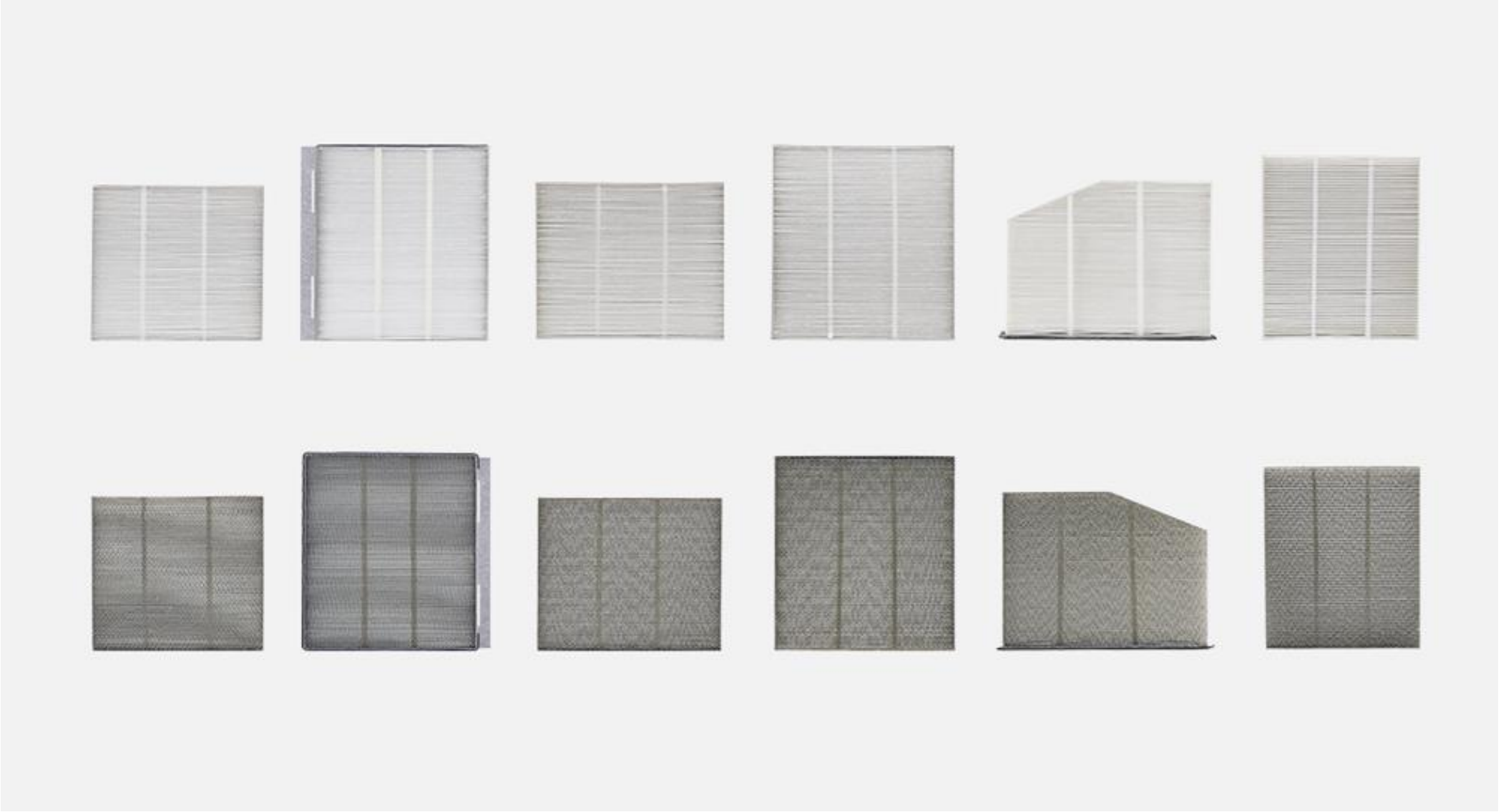

Appendix / Product Catalogue

Appendix

Filter performance testing experiment equipment

LUFTT Korea History

Nowadays, fine dust has become a daily life. The car is also a living space as well.
Meet new filters for new environments.
With the honest technical skills of LUFTT, you can now enjoy clean air that was only available with a household HEPA filter in your car.

2019

02 Total 24 types of LUFTT filters launched

2018

12 Mobility platform 'Tada – Basic B', basic attachment of LUFTT filter, launched
10 4 types of LH line launched
09 Official LUFTT store open
08 Achieved 3,182% of target funding amount
Advanced launching of crowdfunding 'Wadiz'

LUFTT

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