



냉매
Refrigerants

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냉매

후성은 모든 종류의 냉매 제품을 직접 제조 및 아웃소싱을 통해 확보하고 있으며, 자체 이충전 인프라를 통해 고객사 기호에 맞는 포장으로 공급하는 체계를 갖춘 국내 유일의 종합 전문 냉매 기업입니다. 30년에 이르는 본 사업이력으로 이제는 국내뿐만 아니라 고객사의 해외거점까지 그 공급여력을 키워왔으며, 또한 환경적인 측면에서도 친환경제품 개발에 단독 및 글로벌 업체와의 협업을 통해 R&D를 진행하여, 고객사의 니즈에 부합하고 있습니다.

Foosung is the only comprehensive refrigerant manufacturing company in Korea equipped with a system to supply all types of refrigerant products through manufacturing and outsourcing and supply them with packing according to customer's preference through its own recharge infrastructure. Furthermore, Foosung has been able to expand its supply to overseas as well as domestic with 30 years of experience in this business. In terms of environmental aspects, Foosung pursues R & D through the development of eco-friendly products and collaboration with global companies to meet customer needs.



K-22 R-22 Monochlorodifluoromethane

용도 Application

- 에어컨 냉매, P·S 발포제 및 불소화합물 원료
- Refrigerants of air conditioners, Raw materials of P·S foaming agents and fluorine compounds
- Refrigerants of air conditioners (for use in household / industry)
- Foaming agents: Polystyrene foaming
- Raw materials of fluorocarbon resin

포장단위 Packing Unit

- 13.6kg, 20kg, 100kg, 1000kg, Tank Lorry

제품 Specification

순도 Purity	wt(%)	99.5% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	30 ▼
ODP		0.055
GWP		1810

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-32 R-32 Difluoromethane

용도 Application

- 초저온(-50 °C 이하) 냉매, R-400계열 원료
- Ultra low temperature (less than -50°C) refrigerants, R-400 series materials
- Cryogenic refrigerants, Raw materials for manufacturing mixed refrigerants (R-400 series)

포장단위 Packing Unit

- 100kg

제품 Specification

순도 Purity	wt(%)	99.9% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		675

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-410A R-410A Mixture Gas(R-32&R-125)

용도 Application

- 에어컨(가정용/산업용) 냉매
- Refrigerants of air conditioners (for use in household / industry)

포장단위 Packing Unit

- 10kg, 85kg, Tank Lorry

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	10 ▼
ODP		0
GWP		2088

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-407C R-407C Mixture Gas(R-132&R-125&R-134a)

용도 Application

- 선박(시스템 공조) 상온용 냉매
- Refrigerants for ships at a normal temperature (air conditioning system)

포장단위 Packing Unit

- 10kg

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		1774

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)



R-134a R-134a

1,1,1,2-Tetrafluoroethane

용도 Application

- 자동차, 냉장고 및 냉동기용 냉매
- Refrigerants for cars, refrigerators and freezing machines

포장단위 Packing Unit

- 13.6kg, 20Kg  100kg, 1000kg  Tank Lorry 

제품 Specification

순도 Purity	wt(%)	99.95% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	10 ▼
ODP		0
GWP		1430

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-404A R-404A

Mixture Gas (R-125&R-143a&R-134a)

용도 Application

- 조선, 쇼케이스, 냉동탑차용 냉매
- Refrigerants for ship building, show cases and freezer trucks

포장단위 Packing Unit

- 10Kg  100kg 

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		3922

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

R-123 R-123

Dichlorotrifluoroethane

용도 Application

- 원심식 터보 냉동기용 냉매 및 소화약제 원료
- Refrigerants for centrifugal turbo freezers and materials of fire extinguishing agents

포장단위 Packing Unit

- Steel Drum (100kg, 250Kg) 

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	20 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0.06
GWP		77

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-507 R-507

Mixture Gas (R-125&R-143a)

용도 Application

- 선박, 초저온(-50°C 이하) 냉매
- Ultra low temperature (less than -50°C) refrigerants for ships

포장단위 Packing Unit

- 10kg 

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		3900

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-4060 R-4060

Mixture Gas (R-22&R-142b)

용도 Application

- XPS(압출보드) 제조용 발포제 및 분사제
- Foaming agents and propellants for manufacturing XPS (pressed boards)

포장단위 Packing Unit

- 1000kg  Tank Lorry 

제품 Specification

순도 Purity	wt(%)	99.5% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	20 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0.061
GWP		2110

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-BA K-BA

Mixture Gas

용도 Application

- XPS(압출보드) 제조용 발포제
- Foaming agents for manufacturing XPS (pressed boards)

포장단위 Packing Unit

- 1000kg  Tank Lorry 

제품 Specification

순도 Purity	wt(%)	99.5% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	20 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0.0488
GWP		1899

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)



R-141b 1,1- Dichloro-1- fluoroethane

용도 Application

- 경질 Urethane foam 제조용 발포제 (샌드위치 패널, 우레탄 보드 외)
- 전자 정밀기기 및 의료기, 광학용 렌즈 세정제
- Foaming agents for manufacturing solid urethane foam (sandwich panels, urethane boards, etc.)
- Electronic precision appliances and medical equipment, cleansing agents for optical lenses

포장단위 Packing Unit

- Steel Drum  Tank Lorry 

제품 Specification

순도 Purity	wt(%)	99.5% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	50 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0.11
GWP		725

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

MDI Methylene diphenyl diisocyanate

용도 Application

- 접착제, 탄성제용 경화제
- 연질, 반경질품, 경질품용 경화제
- Adhesives, hardeners for elastic materials
- Hardeners for soft, semi-solid and solid foam

포장단위 Packing Unit

- Steel Drum  Tank Lorry 

제품 Specification

Acidity	mg/kg	200
Moisture	%	30.05~32.50
점도 Viscosity(25°C,cPs)		160-250

R-125 Pentafluoroethane

용도 Application

- 소화약제 및 R-400계열 원료
- Materials of fire extinguishing agents and R-400 series

포장단위 Packing Unit

- 900kg 

제품 Specification

순도 Purity	wt(%)	99.8% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	50 ▼
ODP		0
GWP		2800

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

K-23 Trifluoromethane

용도 Application

- 소화약제 원료 및 일반냉매용
- Materials of fire extinguishing agents and refrigerants for general use

포장단위 Packing Unit

- Tank Tube(9MT) 

제품 Specification

순도 Purity	wt(%)	99.5% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	10 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		14800

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

R-227ea Heptafluoromethane

용도 Application

- 소화약제 원료 및 일반냉매용
- Materials of fire extinguishing agents and refrigerants for general use

포장단위 Packing Unit

- 1000kg 

제품 Specification

순도 Purity	wt(%)	99.6% ▲
Acidity	wt(ppm)	1 ▼
Moisture	wt(ppm)	1 ▼
Evaporation residue	wt(ppm)	100 ▼
ODP		0
GWP		3220

*ODP : Ozone Depletion Potential (오존층파괴지수)
*GWP : Global Warming Potential (지구온난화지수)

기타 취급 품목 other items

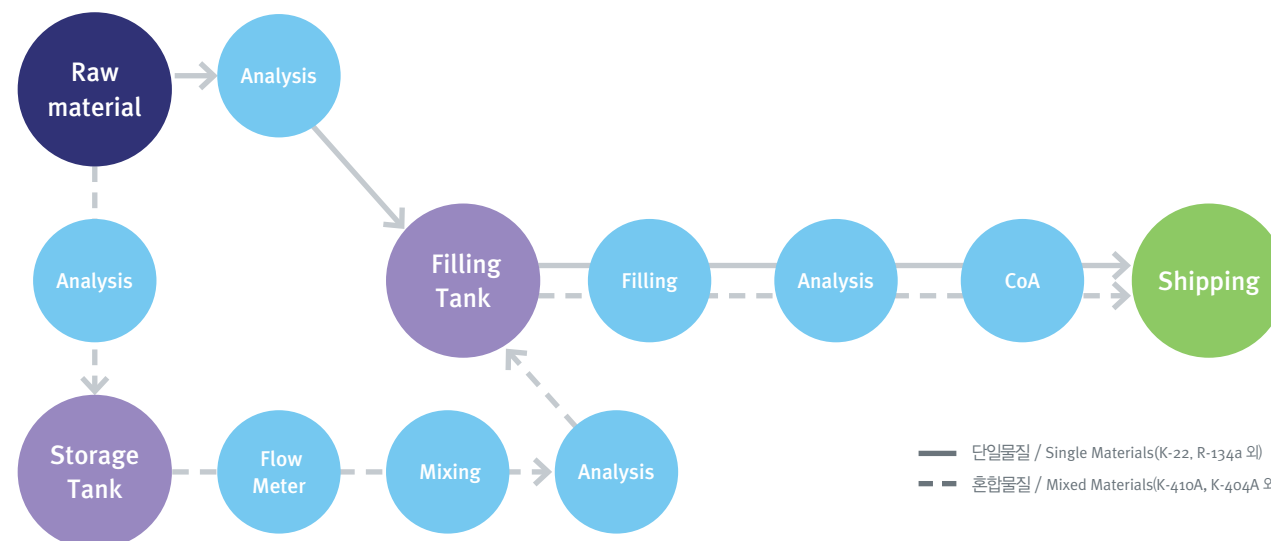
- R-600A, R-236fa, R-152a, TCPP, silicon, catalysts(촉매)

Quality Control

품질관리

두차례 이상의 품질관리를 통해 고품질의 제품을 생산하고 있습니다.

We provide our customers with high-quality products through more than two times of strict quality control processes.





Refrigerant

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