

## Vacuum Pump Oil 진공펌프 오일

Cat. No.	Model	Vapor 압력	점도 (at 40°C)	포장	EA Price ₩
O02-246-311	MR100-1	1 × 10 <sup>-4</sup> Torr	44.6	1 L	23,100
O02-246-314	MR100-4			4 L	72,900
O02-246-316	MR100-18			18 L	227,800
O02-246-318	MR200-4	1 × 10 <sup>-5</sup> Torr	73.6	4 L	72,900
O02-246-320	MR200-18			18 L	227,800
O02-246-325	SOM	1 × 10 <sup>-6</sup> Torr	63.7	4 L	364,400

• Moresco

Model	Specification
MR100	High Vacuum in a Small Pump (≪ 50 L/min)
MR200	High Vacuum in all Kind of Pump
SOM	내화학 Pump용 진공오일



MR100-1



SOM

## Vacuum Pump Oil 진공펌프 오일

• Edwards

### Vacuum Pump Oil, Ultragrad®

Cat. No.	Model	용량	사용 펌프	EA Price ₩
O02-121-314	Ultragrade15-4	4 L	for E2M0.7, E2M1.5	130,100
O02-121-325	Ultragrade19-4		for RV, E2M18 & 28	130,100

### Mechanical Pump Oil Selection Chart

Cat. No.		O02-121-314	O02-121-325	
Model		Ultragrade15-4	Ultragrade19-4	
Technical Data	Vapor Pressure (mbar)	at 20°C	5.8 × 10 <sup>-6</sup>	1 × 10 <sup>-8</sup>
		at 100°C	3.0 × 10 <sup>-2</sup>	1.0 × 10 <sup>-3</sup>
	Molecular Weight		385	420
	Specific Gravity at 15°C		0.86	
	Viscosity cST	at 20°C	104.2	143.7
		at 40°C	38.1	48.6
	Pour Point °C		-18	-16
	Flash Point °C		220	230
	Auto Ignition Point °C		355	
	Sulphur Content % mass/mass		0	
Application	Energetic Particle Impact			Conducting Polymers formed
	Thermal Stability			Good
	Oxidation Resistance			Good
	Chemical Resistance			Fair
	Radiation Resistance			Fair



Fomblin®



Krytox®

### Vacuum Pump Oil, Perfluoropolyether / 내화학용

- 열, 화학, 용매, 부식, 독성, 인화, 호환성, 내구성 및 산화성에 문제가 발생할 수 있는 용도에 사용
- 낮은 증기압 및 완벽한 불연성, 산소와의 안정성
- 모든 Chemical에 대한 내화학성

#### Fomblin® YVAC 06/6

Cat. No.	Model	용량	사용 펌프	EA Price ₩
O02-121-500	H11301019	1 kg (532 ml)	PFPE	506,100
O02-121-505	H11301020	5 kg	PFPE	1,747,000

- Vapour Pressure : 4 × 10<sup>-6</sup> mbar (at 20°C)
- Molecular Weight : 1900      • Viscosity : 64 cST (at 20°C)

#### Krytox® 1506

Cat. No.	Model	용량	사용 펌프	EA Price ₩
O02-121-510	H11301018	1 kg (532 ml)	PFPE	2,108,500

- Vapour Pressure : 5.2 × 10<sup>-7</sup> mbar (at 20°C)
- Molecular Weight : 2400      • Viscosity : 70 cST (at 20°C)

### Mechanical Pump Oil Selection Chart

Type		Fomblin® 06/6	Krytox® 1506	
Technical Data	Vapor Pressure (mbar)	at 20°C	4 × 10 <sup>-6</sup>	5.2 × 10 <sup>-7</sup>
		at 100°C	5 × 10 <sup>-3</sup>	1.3 × 10 <sup>-3</sup>
	Molecular Weight		1900	2400
	Specific Gravity at 15°C		1.88	
	Viscosity cST	at 20°C	64	70
		at 40°C	25	22
	Pour Point °C		-50	-45
	Flash Point °C		None	
	Auto Ignition Point °C		355	
	Sulphur Content % mass/mass		0	
Application	Energetic Particle Impact			No Polymers formed
	Thermal Stability			Excellent
	Oxidation Resistance			Excellent
	Chemical Resistance			Excellent
	Radiation Resistance			Good