Ultra Nozzle







Achievement of Safe Refueling Automatic shut-off mechanism works even when the amount of product is small

World's Best Operability Requires less than half of the force to operate compared to the former nozzle

Environmentally Friendly Reduced the amount of petrol vapour generated during refueling

Shorter Time to Fill Tank up to Full No need to pull the lever again and again, since foaming of product is so small

Adaptable to Wide Range of Vapour Recovery System Development of A/L vapour valve that could adjust recovery percentage





FN1024

- Light nozzle that enables smooth handling
 - Light lever and swivel that assists stressfree operation
 - Automatic shut-off mechanism that works with minimum flow of 2L/min
 - Need only small amount of force to pull the lever



Stress-free, High-efficiency, Smooth-handling – This nozzle is top-level in all functions!

Lightest nozzle which achieve stress-free refueling

You only need to pull the lever gently to use this nozzle. Whether you are left-handed or right-handed, you could refuel easily and without stress.



Original technology to fill tank up to full quickly

This time-saving nozzle uses discharging mechanism that prevents from foaming.

You don't need to pull the lever again and again to fill tank up to full.







Features of Each Parts

Oil Guard and Splash Guard • Line up of oil guards that match all types of spout diameters • High-functioning splash guard that could be selected from various colors to make distinction of products easier Spout • Line up of spouts with various length of diamete that match fuel filler Safety Guard Prevents accidents by internal safety ball Stainless Steel Reinforcement Tip Point of spout is durable with stainless steel reinforcement tip

- Astonishing lightness for vapour recovery nozzle
 - Automatic shut-off mechanism that works with minimum flow of 2L/min
 - Rubber boots that collect vapour efficiently
 - Small amount of emission of VOC during refueling

Automatic Deactivating Mechanism • The nozzle stops refueling safely and securely once it reaches the preset amount/charge

Grip

- It is electroconductive to realize safe refueling
- Antibacterial plastic grip is always sanitary

Swivel

- So smooth that there is no stress when moving hose
- Since it uses double swivel, it could move 360 degrees at any direction

Lever and Latch

• Able to latch with one hand Need only small amount of force to pull the lever

Dimension and Main Specification

Туре	ULTRA NOZZLE	ULTRA NOZZLE Vapour Recovery			
Appearance	Photo:FN-1024-E11100JAA0BF	Photo:FN-1025-E02C000BA1AK			
Model	FN-1024	FN-1025			
Outside Diameter of Spout	Dia.21 or Dia.24	Dia.21			
Product	Petrol, Kerosene or Diesel	Petrol			
Additive to Liquid	Ethanol(E)10% or lower ETBE10% or lower	Ethanol(E)10% or lower			
Range of Viscosity	0.3~6mPa·s	0.3~6mPa·s			
Range of Temperature	-20~+50°C	-20~+50°C			
Maximum Flow Rate	45L/min	45L/min			
Minimum Flow Rate	2L/min or lower	2L/min or lower			
Maximum Pressure	0.50MPa	0.50MPa			
Automatic deactivating mechanism	With or Without	With or Without			
Safety Function	With	With			
Spout	With stainless chip	With stainless chip			
Anchor System	Spring	Spring			
Latch	With or Without	With or Without			
Grip	Electroconductive/antibacterial	Electroconductive/antibacterial			
Vapour Valve	-	A/L proportional vapour valve or ON/OFF vapour valve			
Swivel	Single or Double	-			
Inlet Connection Thread	With swivel: G3/4, G1, NPT3/4 or NPT1	M34X1.5 or M38X1.5 (for double swivel)			
Certification	KHK / ATEX	KHK / TUV / ATEX			
Durability	Shortest of the following: 2.5 million L, 100,000 times of automatic shut off or 3 years				
Weight	With single swivel: approx. 800g With double swivel: approx. 1,000g	approx. 1,000g			

● Single Swivel (for FN-1024) ● Double Swivel (for FN-1024) ● Double Swivel (for FN-1025) ● Rubber boots (for FN-1025) ● Stainless boots (for FN-1025)



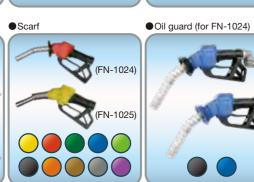






Guard Lever



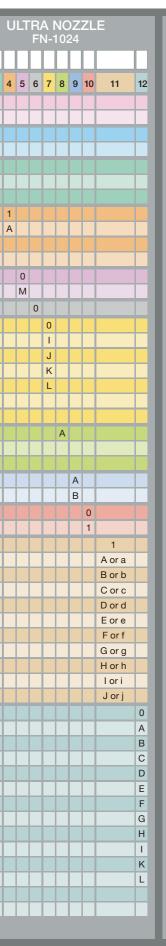


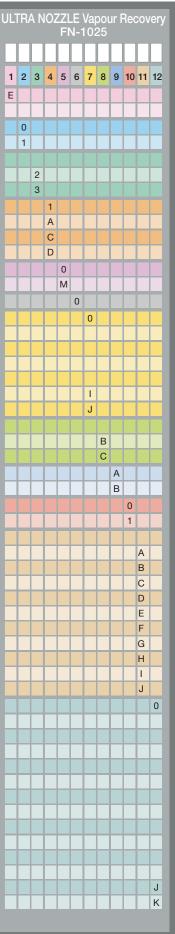




Model code

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Ту	rpe					
			I			ſ
C	ode number(12digits)		Ľ	1	2	
1	Spout size	Φ21mm (double check valve)	Ŀ	' E	-	ł
1	Spoul Size	Φ24mm (double check valve)	P	G	-	ł
2	Automatic deactivating	without	Ŀ	u	0	ł
2	mechanism	with		-	1	ł
3	Vapour valve	N/A			-	ł
3	vapour vaive	ON/OFF vapour valve			-	ł
		A/L proportional vapour valve				ł
4	Anchor spring and Latch	with anchor spring, with latch				
4	Anonor spring and Later	with anchor spring, without latch			-	ŀ
		with stainless boot, with latch	Ŀ			ł
		with stainless boot, without latch			-	ŀ
5	Magnet	without	Ŀ		-	ł
	for Nozzle switch	with	P		-	ł
6	Reserve	N/A				ł
						ļ
7	Swivel	without Single Swivel (Inlet: C2/4 female)				ł
		Single Swivel (Inlet: G3/4 female)				ł
		Single Swivel (Inlet: G1 female)	Ŀ	-	_	ł
		Single Swivel (Inlet: G1 male) Double Swivel	Ŀ	-	_	ł
		Double Swivel (with strainer/Inlet: M38×1.5)	Ŀ	-	-	ł
		Double Swivel (with strainer/Inlet: M38×1.5)	Ŀ			ł
8	Inlet size	G1	Ŀ	-	-	
0	miet size	M34×1.5	Ŀ	-	_	ł
		M38×1.5 (for double swivel)	Ŀ			ł
9	Guard lever type			-	-	ł
9	Guard level type	A type B type	P	-		ł
10	Strainer	without	Ľ			ł
10		with			-	ŀ
11	Scarf	without scarf	Ŀ		-	ŀ
	ooun	Canary yellow	P		-	ł
		Red	Ŀ			ł
		Green	P			ł
		Blue	Ľ			ł
		Pale green				ŀ
		Black				ŀ
		Bitter orange				t
		Gold				ŀ
		Silver				f
		Purple				ľ
12	Oil guard, Splash guard	without				
	and Suction boots	Oil guard black (Spout size: Φ21mm)				f
		Oil guard black (Spout size: Φ24mm)				ĺ
		Oil guard blue (Spout size: Φ21mm)				ſ
		Oil guard blue (Spout size: Φ24mm)				ĺ
		Splash guard Φ80mm black (without anchor spring)				ſ
		Splash guard Φ80mm black				ĺ
		Splash guard Φ80mm green				ſ
		Splash guard Φ80mm red				ĺ
		Splash guard Φ80mm blue				ſ
		Splash guard Φ80mm canary yellow				f
		Oil guard Φ54mm black				f
						f
		with rubber boot only				
		with stainless boot only	Ľ			ł
			l			





Worldwide Network



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