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**UV FLUORESCENT CONTRAST LIQUID FOR THE RESEARCH OF LEAKS IN AC/R SYSTEMS**

**UV ADDITIVES**

**DESCRIPTION**

UV additives are special UV fluorescent contrast liquids specially designed for the detection of refrigerant gas leaks in automotive air conditioning and refrigeration systems. Today the simplest and cheapest way to search for leaks, our UV additive offers high fluorescence thanks to which, equipped with a special UV lamp, we can easily search for refrigerant gas leaks in the AC /R system.

**TECHNICAL FEATURES**

- Ease of use.
- Precise location of leaks.
- Non-hazardous and solvent-free product.
- It does not damage systems, machinery such as recovery and charging stations and does not damage the various components and materials of the system.
- Compatible and perfectly miscible with the refrigerant lubricants used in the system.
- High luminescence when exposed to UV lamp.

**REGULATIONS**

Complies with **SAE J2297** and **SAE J2298** regulations

**USES AND LINES**

This product has been designed for simple and effective use in both car air conditioning and refrigeration systems. This is why our offer includes two main lines of UV additives: one for the **AUTOMOTIVE** sector and one for the **REFRIGERATION** sector.

**AVAILABLE FORMATS**

Our UV additives are available in two-cap bottles with dispenser (250, 350 ml and 1 liter) and in 7,5 ml single-dose syringes.

**SAFETY INFORMATIONS**

The product is not dangerous, but we always recommend the use of protective gloves and special UV glasses to search for leaks using a UV lamp.

AVAILABLE (MAINLY) IN THE FORMATS:



7,5 ML SINGLE-DOSE SYRINGE AND TWO-CAPS BOTTLE WITH DISPENSER (250 AND 350 ML AND 1 LT)

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## RESEARCH OF LEAKS IN AC/R SYSTEMS

# UV ADDITIVES

### ◆ APPLICATION IN AUTOMOTIVE A/C SYSTEMS WITH CHARGING STATION

Introduce the contents of the bottle with 2 caps with dispenser into the appropriate container of the charging station and follow the instructions of the machine.

### ◆ APPLICAZIONE IMPIANTI A/C AUTOMOTIVE CON INIETTORE O SIRINGA MONODOSE

*INJECTOR ONLY:*  
Introduce the contents of the bottle with 2 caps with dispenser and fill the appropriate injector (piston or syringe) with the desired quantity (7,5 ml per 1,5 kg of refrigerant gas).

### *INJECTOR AND SYRINGE:*

Turn on the vehicle and the A/C system.

Before connecting the injector or syringe to the system, completely fill the hose connected to it, thus letting out the air present inside.

Therefore connect to the system via the charge valve on the low pressure side and introduce the UV additive into the system.

Disconnect the injector or syringe

from the system and clean any residual UV additive.

Leave the A/C running for approx. 30 minutes.

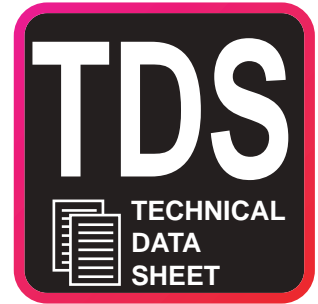
After putting on the appropriate protective goggles, inspect the parts where it is suspected that there may be a leak with a UV lamp. The spots at the leak will appear fluorescent.

Once the leak has been repaired, clean the area stained by the UV additive with the appropriate detergent and repeat the entire operation.





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**UV ADDITIVES**

**7,5 ML SINGLE-DOSE SYRINGE**

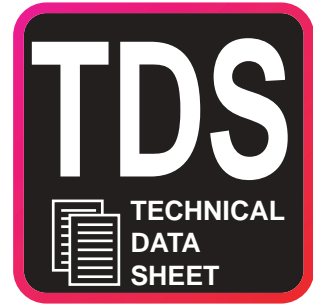
REFRIGERANT	OIL BASE	ADAPTER	ARTICLE	SIZES (in MM)	PACKAGING
R-134a	PAG	NO	11.801/1B	19x32x164	x 12
R-134a	PAG	YES	11.801/1BK	19x32x164	x 12
R-1234yf	PAG	NO	11.801/1YF	19x32x164	x 12
R-1234yf	PAG	YES	11.801/1YFK	19x32x164	x 12
ELEC. COMPRESSORS	POE	NO	11.801/1H	19x32x164	x 12
ELEC. COMPRESSORS	POE	YES	11.801/1HK	19x32x164	x 12
R-134a, R-1234yf	PAG	NO	11.824	19x32x164	x 12
R-134a, R-1234yf	PAG	YES	11.824K	19x32x164	x 12
R-134a, R410, R32	POE	NO	11.801/1POE	19x32x164	x 12
R290, R600a, R717	POE	NO	11.421	19x32x164	x 12

**TWO-CAPS BOTTLE**

REFRIGERANT	OIL BASE	CONTENT	ARTICLE	SIZES (in MM)	PACKAGING
R-134a	PAG	250 ML	11.005	91x41x170	x 12
R-134a	PAG	350 ML	11.060	94x40x199	x 15
R-134a	PAG	1 LT	11.004	135x61x260	x 6
R-1234yf	PAG	250 ML	11.005YF	91x41x170	x 12
R-1234yf	PAG	350 ML	11.060YF	94x40x199	x 15
ELEC. COMPRESSORS	POE	250 ML	11.005H	91x41x170	x 12
ELEC. COMPRESSORS	POE	350 ML	11.060H	94x40x199	x 15
R-134a, R-1234yf	PAG	250 ML	11.003	91x41x170	x 12
R-134a, R-1234yf	PAG	1 LT	11.008	135x61x260	x 6
<b>R-134a, R410, R32</b>	<b>POE</b>	<b>250 ML</b>	<b>11.005P</b>	<b>91x41x170</b>	x 12
R-134a, R410, R32	POE	350 ML	11.060P	94x40x199	x 15
R-134a, R410, R32	POE	1 LT	11.004P	135x61x260	x 6
R290, R600a, R717	POE	250 ML	11.419	91x41x170	x 12
R744	PAG	250 ML	11.404	91x41x170	x 12
R744	POE	250 ML	11.418	91x41x170	x 12



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**COMPATIBILITY INDICATION BETWEEN REFRIGERANT GAS AND LUBRICANT**

Refrigerant gas		mineral based	PAG based	POE based	PAO based
R23	HFC				
R32					
R134a					
R404A					
R407C					
R410A					
R413A					
R417A					
R419A					
R422A					
R422D					
R427A					
R428A					
R437A					
R438A					
R507					
R508B					
R1234yf	HFO				
R170	HC				
R600					
R1270					
R717	NH3				
R744	CO2				
R22	HCFC				
R123					
R124					
R401A					
R401B					
R402A					
R402B					
R403B					
R408A					
R409A					
R414B					
R416A					
R11	CFC				
R12					
R13					
R13B1					
R113					
R114					
R500					
R502					
R503					

Non-binding indications - It is always advisable to follow the instructions of the manufacturers of the systems or suppliers of refrigerant gases.