

# A SINGLE LINE OXYGEN CUTTING HOSE

Daehan technic



Dear Sir/Madam,

Thank you for visiting our website. **Daehan Technic developed, as the first company in the world**, a single line oxygen hose for oxygen steel cutting. Our products are widely used on both industrial and construction sites of steel structure manufacturers and shipyards. Daehan Technic both produces and sells these unique oxygen hoses.

**Our innovative product resolves the defects and inconveniences of twin line oxygen cutting hoses** that are commonly used. It is produced and sold in various sizes to be used virtually anywhere.

Through continuous research and development Daehan Technic aims to offer the best products and service in the field of oxygen cutting hoses.

Sincerely,

**Seungbeom Jeon, CEO**

저희 사이트(홈페이지)를 방문해 주셔서 감사합니다

저희 대한테크닉은 철재를 절단 가공하는 건설현장, 철구조물제조업체, 일반산업현장, 조선소등에서 많이 사용되고있는 산소절단용 외출산소호스를 세계최초로 개발하여 생산 판매하는 업체입니다.

현재 전세계적으로 사용되고있는 2줄짜리 산소절단용호스의 결점과불편함을 동시에 해결한 혁신적인 제품으로 언제, 어디서나 편리하게 사용할수있도록 다양한 규격의 제품을 생산, 판매하고있습니다

대한테크닉은 앞으로도 지속적인 연구개발을 통하여 산소절단용호스 분야에서 제일가는 기업으로 성장해 나갈수있도록 최선을다하겠습니다

감사합니다

대표 전승범



**Single Line  
Oxygen Weiding/cutting Hose**

89-2, Ojeong-dong, Daedeck-gu, Daejeon, Korea TEL : +82-42-672-7772 FAX : +82-42-672-7773

# A SINGLE LINE OXYGEN CUTTING HOSE

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## PRODUCTS INFORMATION

Products Applications: supply oxygen and gas upon oxygen cutting task.  
Main use: Oxygen cutting the steel



### Main feature :

single hose consists of only one line.

1. Our hoses cannot be damaged by sparks generated through cutting.
2. Our hoses do not twist or get tangled.
3. Our hoses are significantly compact sized.
4. We have designed our products to be exceptionally resistant to ultraviolet light, but also to severe colds. If exposed to outside weather conditions for an extended period of time, the hose surface will not crack or burst.

### Our innovations:

- The currently most commonly used twin hose consists of two lines.  
Daehan Technic's single hose makes use of only one line.
- Twin hoses are covered with synthetic PVC, but cutting sparks easily cause holes or in other ways damage the hose. Daehan Technic's single line hoses cannot be damaged by sparks since they are protected by a metal flexible cover and teflon (PTFE).
- Twin hoses twist easily and often get tangled, which makes it uncomfortable upon use. We have developed our single hoses in such a way that they do not twist or get tangled, which will offer greater convenience and safety in the workplace.
- Twin hoses are usually bulky, large tools.  
Our single hose is half the size of the average twin hose will add to its convenience on site, as well as in storage.



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# A SINGLE LINE OXYGEN CUTTING HOSE

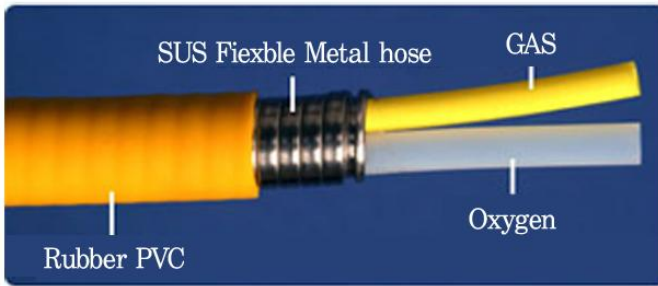
Product Type

Daehan technic

Type : Single-S

Single-S: Connection between gas cutting torches and hoses through nuts.

커팅기와 호스를 너트로 연결하는 방식



## STANDARD

SECTION	UNIT	OX	GAS
ID	∅mm	4.0	3.0
OD	∅mm	6.0	5.0
Pressure	MPa	2.0	0.15
Round	16mm		

## Features of product:

1. Our hoses cannot be damaged by sparks generated through cutting.
2. Our hoses do not twist or get tangled.
3. Our hoses are significantly compact sized.
4. We have designed our products to be exceptionally resistant to ultraviolet light, but also to severe colds. If exposed to outside weather conditions for an extended period of time, the hose surface will not crack or burst.

Size	10m	15m	20m	30m	40m	50m
Weight	3kg	4kg	6kg	9kg	12kg	15kg

### 제품특징 :

1. 산소절단작업시 튀는 불뚱에 의해 전혀 핑크가 나지 않는다
2. 엉키거나, 꼬이는 현상이 없다
3. 쌍줄(Twin hose)에 비하여 부피가 현저히 적다
4. 외부에 장시간 노출되어도 호스표면이 갈라지거나 터지지 않는다 즉 자외선에 무척 강하다



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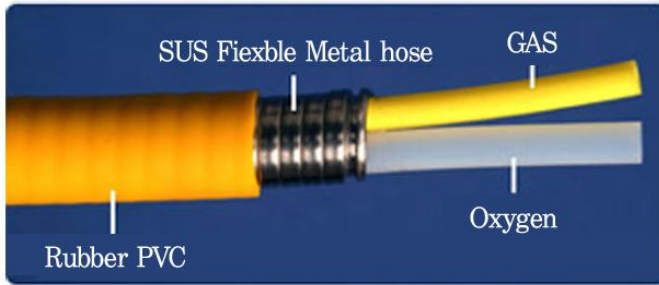
Product Type

Daehan technic

Type : Single-C

Single-C: Detach gas cutting torches and hoses in one-touch way.

커팅기와 호스를 원터치식으로 탈착하는 방식



## STANDARD

SECTION	UNIT	OX	GAS
ID	∅mm	4.0	3.0
OD	∅mm	6.0	5.0
Pressure	MPa	2.0	0.15
Round	16mm		

## Features of product:

1. Our hoses cannot be damaged by sparks generated through cutting.
2. Our hoses do not twist or get tangled.
3. Our hoses are significantly compact sized.
4. We have designed our products to be exceptionally resistant to ultraviolet light, but also to severe colds. If exposed to outside weather conditions for an extended period of time, the hose surface will not crack or burst.

Size	10m	15m	20m	30m	40m	50m
Weight	3kg	4kg	6kg	9kg	12kg	15kg

### 제품특징 :

1. 산소절단작업시 튀는 불뚱에 의해 전혀 핑크가 나지 않는다
2. 엉키거나, 꼬이는 현상이 없다
3. 쌍줄(Twin hose)에 비하여 부피가 현저히 적다
4. 외부에 장시간 노출되어도 호스표면이 갈라지거나 터지지 않는다 즉 자외선에 무척 강하다



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# A SINGLE LINE OXYGEN CUTTING HOSE

Product Type

Daehan technic

## Type : Single-BF

Our products are equipped with components to prevent sparks from coming into contact with gas cutting torches. Thus, even a beginner can operate our products safely, which will lower the necessity of constant supervision.

작업자의 부주위로인하여 불꽃이 컷팅기 내부로 빨려들어오는것을 방지하는 부품이 장착된 제품



### STANDARD

SECTION	UNIT	OX	GAS
ID	∅ mm	4.0	3.0
OD	∅ mm	6.0	5.0
Pressure	MPa	2.0	0.15
Round	16mm		

## Features of product:

1. Our hoses cannot be damaged by sparks generated through cutting.
2. Our hoses do not twist or get tangled.
3. Our hoses are significantly compact sized.
4. We have designed our products to be exceptionally resistant to ultraviolet light, but also to severe colds. If exposed to outside weather conditions for an extended period of time, the hose surface will not crack or burst.

Size	10m	15m	20m	30m	40m	50m
Weight	3kg	4kg	6kg	9kg	12kg	15kg

### 제품특징 :

1. 역화방지기가 내장되어있어 역화의위험이 없습니다
2. 산소절단작업시 뛰는 불뿔에의해 전혀 핑크가 나지않는다
3. 엉키거나, 꼬이는 현상이없다
4. 쌍줄(Twin hose)에비하여 부피가현저히 적다
5. 외부에 장시간 노출되어도 호스표면이 갈라지거나 터지지 않는다 즉 자외선에 무척 강하다



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# A SINGLE LINE OXYGEN CUTTING HOSE

Product Type

Daehan technic

## Auto-reel equipped with single line hose

외줄호스장착 자동릴

Single hoses can be wound on our reels and can be extended as much as necessary by a simple pulling motion. After use, the auto-rewind function will allow the line to be easily prepared for storage.

외줄호스를 호스릴에감아서 사용할때마다 필요한 길이만큼 당겨서 사용하고 사용후에 자동으로 되감기는 호스릴



## Product standard

hose length	size	wheel	height
10, 15, 20m	335x180mm	Ø 320	385mm
30m	345x200mm	Ø 405	490mm
50m	345x200mm	Ø 540	620mm

## Features of product:

1. Since the hose is rewound automatically, it provides convenient storage.
2. The length of the oxygen hose can be extended freely.
3. It causes little strain to unwind and rewind the hose.
4. It is easy and convenient to organize during or after work.

특징 :

1. 자동으로 호스가 감기어서 대단히 편리하다
2. 산소호스 길이조절이 자유롭다
3. 풀리고 감김이 대단히 부드럽다
4. 작업중이나 작업종료후에도 정리, 정돈이 대단히 편리하다



Slingle Line  
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# A SINGLE LINE OXYGEN CUTTING HOSE

Product Type

Daehan technic

Manual-reel equipped with single line hose.

외줄호스장착 수동릴

Single hoses can be wound on our reels and can be extended as much as necessary by a simple pulling motion. After use, the hose can be rewound on the reel manually through a handle.

외줄호스를 호스릴에감아서 사용할때마다 필요한 길이만큼 당겨서 사용하고 사용후에 수동으로(손잡이를 사용하여 손으로) 되감기는 호스릴



Single-S  
Single-C  
Single-BF

## Product standard

hose length	size	wheel	height
10, 15, 20m	335x180mm	Ø 320	385mm
30m	345x200mm	Ø 405	490mm
50m	345x200mm	Ø 540	620mm

## Features of product:

1. The length of the oxygen hose can be extended freely.
2. It causes little strain to unwind and rewind the hose.
3. It is easy and convenient to organize during or after work.

특징 :

1. 산소호스 길이조절이 자유롭다
2. 풀리고 감김이 대단히 부드럽다
3. 작업중이나 작업종료후에도 정리, 정돈이 대단히 편리하다



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# A SINGLE LINE OXYGEN CUTTING HOSE

Product Type

Daehan technic

Oxygen cart equipped with single line hose auto-reel

외줄호스 자동릴장착 산소대차



Product standard

wheel diameter	700mm
wheel wide	70mm
wheel meterial	Air
width size	890mm
length	1,420mm
make material	metal tybe

Features of product:

Moving cart equipped with auto reel,  
through which the hose can be swiftly moved and used at any location.

특징 :

이동식 대차에 자동릴이 장착하여 작업자가 요구하는 어떠한 장소라도 편리하게 이동하면서 사용할 수 있습니다



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# A SINGLE LINE OXYGEN CUTTING HOSE

Product Type

Daehan technic

Handcar equipped with Single line hose auto-reel,  
외줄호스 자동릴장착 핸드카



## Product standard

wheel diameter	260mm
wheel wide	73mm
wheel material	polyurethane
width size	580mm
length	1,200mm
make material	steel

## Features of product:

Moving handcar equipped with auto reel,  
through which the hose can be swiftly moved and used at any location.

특징 :

이동식 핸드카에 자동릴을 장착하여 작업자가 요구하는 어떠한 장소라도 편리하게 이동하면서 사용할수있습니다



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