



ORO PRODUCTION TRADING CO., LTD.  
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Member of Vietnam Rubber Association

**ORO Production Trading Co., Ltd.**, formerly known as GOLD Rubber Trading One Member LLC, was established in April 2011.

**In 2016, GOLD opened a factory in Binh Duong** . At the same time, changed its name to **ORO Production Trading Co., Ltd**, aiming to diversify products as well as improve product quality and expand production scale to respond quickly and promptly to the increasing demand of customers.

We are specializing in producing Natural Rubber with various kinds of materials such as **SVR3L, SVR5, SVR10, and RSS...**export into the market: China, Korea, Sri Lanka, Malaysia, Indonesia, Pakistan,...

In April 2019, we started to build and develop **Rubber Sheets Factory** in Dak Lak province, Vietnam with the main products being **ADS, RSS1, and RSS3**.

**By June 2019, Oro Production Trading Co ., Ltd. become an official member of the Vietnam Rubber Association.**

Currently and in the future, we are investing to expand the manufacturing plant for the higher purposes with certain advantages products (SVR3L, SVR10, ADS, RSS1, RSS3) to increase of 20-30% market share.



**ORO Production Trading Co., Ltd. 's head office is situated in :**

124 Nguyen Trong Tuyen Street , Ward 15, Phu Nhuan District , HCMC City.

**Office:**198/1A, Ho Van Hue Street , Ward 9, Phu Nhuan District , HCM City.

**And have the factory stay in :**

+ Land plot 304, Map sheet No.19, Dong Ba Ba Hamlet, Long Hoa Commune , Dau Tieng District - Binh Duong.

+ Hamlet 15 , Cu K Bang Commune , Ea Sup District , Dak Lak Province.

We are skilled many staffs and modern equipment ORO company's production capacity is over 5,000 tons/year , export turnover reached 10 billion VND, over 4 million USD/year. Over 90% of our products are exported as like :

**Natural Rubber Material : SVR 3L , SVR 10 , SVR CV60 , SVR 10 CV**

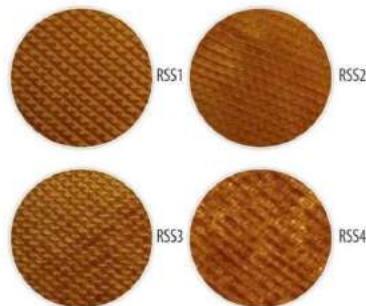
**Rubber Sheet : ADS , RSS1 , RSS3 , RSS4...**

**Compound Rubber & Skim Block**

We would like to cooperate with Vietnamese as well as oversea partners in the area such as rubber and we always aim to the target “**SATISFYING MORE THAN CUSTOMER 'S EXPECTATION**”

## PRODUCTS

### RIBBED SMOKED SHEETS (RSS) :



Are coagulated rubber sheets processed from fresh latex modern processing method has advantages of cleanness and color and doesn't contain defects such as air bubbles that can be seen with the naked eye.

It's important to guarantee purity to producing RSS rubber.

Due to characteristic conditions and manufacturing methods, RSS rubber is widely used in engineering such as manufacturing tyre surfaces; RSS rubber is formed into sheets so the rubber is of high tensile force and less aging than granulated rubber

**Classification of the ribbed smoked sheet is done by observation:**

<b>Grade</b>	<b>Rubber Mold</b>	<b>Wrapping Mold</b>	<b>Opaque Spots</b>	<b>Over Smoked Spots</b>	<b>Oxidized Spots</b>	<b>Burnt Sheet</b>
<b>RSS1</b>	Very Slight	Very Slight	No	No	No	No
<b>RSS2</b>	Slight	Slight	No	No	No	No
<b>RSS3</b>	Slight	Slight	Slight	No	No	No
<b>RSS4</b>	Slight	Slight	Slight	Slight	No	No

## PRODUCTS

### AIR DRIED SHEET (ADS) :



The sheets are dried in hot air rather than in smokehouses, and the term air-dried sheet is used, this is considered to be a better grade of rubber.

ADS rubber is used to create some special products such as rubber gaskets , glass buttons .

In combination with many different products, rubber has high purity and quality.

GRADE	Dirt Content (max) %wt.	Ash (max) %wt.	Nitrogen (max) %wt.	Volatile Matter (max) %wt.	Po (min)	PRI (min)	Mooney Viscosity (1+4,100°C) ML
ADS	0.02	0.40	0.60	0.80	35	60	>60
RSS1	0.03	0.50	0.60	0.80	35	60	>60
RSS3	0.03	0.50	0.60	0.80	35	60	>60

#### Classification of the ribbed smoked sheet is done by observation:

GRADE	Rubber Mold	Wrapping Mold	Opaque Spots	Over Smoked Spots	Oxidized Spots	Burnt Sheet	Smoked
ADS	Very Slight	Very Slight	No	No	No	No	No
RSS1	Very Slight	Very Slight	No	No	No	No	Yes
RSS3	Slight	Slight	Slight	No	No	No	Yes

## PRODUCTS

### RUBBER CEREAL



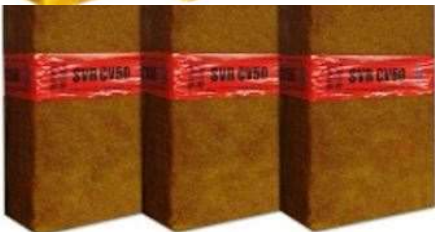
**SVR 3L:** is a light-colored natural rubber produced from the intentional of field latex under controlled estate conditions . The field that goes into the production of this coloured Rubber generally is selected because it has low carotene content which has pass the Lovibond specification for color.



**SVR 10:** is a mixture of cup lump (the dried latex left in the bottom of tapping cups), tree lace (the strings of dried Rubber left along the tapping groove of the trees after tapping), and sometimes field coagulum (any late coagulated by a smallholder either in a collection vessel or on the ground).

## PRODUCTS

### RUBBER CEREAL



**SVR CV50/ SVR CV60:** This is a type of rubber that is widely used in engineering or products in daily life. Due to constant viscosity and flexibility, CV (constant viscosity) rubber is liked by manufacturers, used to manufacture rubber bands, glue, lateral surface of tyres, racket surface...

**SVR 10CV:** is produced like SVR 10. it has constant viscosity by added with only hydroxylamine neutral sulfate (HNS). It is produced through the two dry pre-breakers equipment and a cool processing line. This is a grade of rubber with constant viscosity. The hydroxylamine substance inhibits the storage hardening reaction in natural rubber, which leads to an increase in its mooney viscosity.



## PACKING PE BAG:

Rubber bales are packed in PE bags with normal thickness: 0.03-0.04mm or thick thickness: 0.08-0.14mm, then stuffed into the container in loose bales, palletized in wooden crates, in Shrink Wrapped ( SW) based on wooden pallets or Disposable Plastic Pallets ( DPP), metal boxes as per customer's request.



Normal thickness : 0.03-0.04mm



Thick thickness: 0.08-0.14mm





## PACKING STANDARD :



Weight and Dimensions of rubber sheet in loose bale

111.111kg ( $\pm 0.04$ kg), 600 x 600 x 300 mm



Weight And Dimensions of rubber bales : 33.333kg or 35kg , 670 mm x 330mm x 170 mm.

- Loose bale : 33.333kg/bale or 35kg /bale in PE bag, 20-21.5 MT/ 20'FCL
- Wooden pallet : 36 bales/pallet , 16 pallet/20'FCL :
  - + 19.2MT/FCL with 33.33kg
  - + 20.16MT/FCL with 35kg



## TECHNICALLY SPECIFIED OF VIETNAM RUBBER- TCVN 3769: 2016

Vietnam natural rubber in block form (crumb) is classified into 7 grades:

DETAIL	UNIT	SVR CV50	SVR CV60	SVR 10CV	SVR 3L	SVR 5	SVR 10	SVR 20
Dirt content (max)	%wt.	0.02	0.02	0.08	0.03	0.05	0.08	0.16
Ash (max)	%wt.	0.40	0.40	0.60	0.50	0.60	0.60	0.80
Nitrogen(max)	%wt.	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Volatile Matter (max)	%wt.	0.80	0.80	0.80	0.80	0.80	0.80	0.80
Po(min)		NA	NA	NA	35	30	30	30
PRI(min)		60	60	50	60	60	50	40
Mooney Viscosity (1+4,100°C)	ML	50±5	60±5	60 $\pm$ <sub>5</sub> <sup>7</sup>	NA	NA	NA	NA
Lovibond colour scale ( Individual values, max)		NA	NA	NA	6.0	NA	NA	NA



## **ORO PACKING SPECIFICATION OF BLOCK RUBBER TO EXPORT**

**Wooden pallets :16 Pallets in FCL 20'**



**(Palletized crates or wooden pallets):** are made from hardwood, containing no termites and bark. Each wooden pallet contains 1,200kg or 1,260kg.

Size of pallets:

- + Length : 1,425 mm  $\pm$  5 mm
- + Width : 1,100 mm  $\pm$  5 mm
- + Height : 1,067 mm  $\pm$  5 mm

All of the wood used to make pallets are processed with a borate solution



## PACKING SPECIFICATION OF BLOCK RUBBER TO EXPORT

**Contractive plastic pallet :** 16 pallets are packed into a 20' container.



**(Shrink wrapped packing):** 36 bales are stacked into 6 layers placed on a plastic platform and tightly wrapped in thick, opalescent PE films.

Each pallet is sturdily strapped.

- + For 33.33kg/bale : Net weight 1,200kgs/pallet, Gross weight 1,300kgs/pallet
- + For 35kg/bale : Net weight 1,260kgs/pallet, Gross weight 1,360kgs/pallet



**Size of pallet :**

- + Length x Width : 1,450 x 1,100 mm
- + Length x Width : 1,425 x 1,100 mm
- + Length x Width : 1,500 x 1,100 mm