



VIRUCO®



Natural rubber is one of major exports in national development strategy of Vietnam, with its position as the leading country in producing and exporting agricultural products to the world. Thanks to the Government's development policy to expand rubber plantation areas, Vietnam has moved up to one of the top manufacturers of natural rubber.

Seizing this opportunity, since 1993, the founding members of Viruco have realized its potential growth of strongly - developed rubber industry and started trading.

Till 2003, Viruco was officially engaged in main business of agricultural and natural rubber products. We are the group including trading, manufacturing, distributing, exporting functions with its office in Hochiminh City and manufacturing units located in Binh Phuoc and Binh Thuan province where they are known as the center of rubber plantation in Vietnam.

As a young company but after short time, the position of Viruco has been increasingly affirmed as one of the leading exporters of natural rubber in Vietnam. Products named as **Technically Standard Rubber (TSR)**: SVR CV50, SVR CV60, SVR 3L, SVR 5/WF, SVR 10, SVR 20, SVR 10 CV, SVR 20 CV, **Ribbed smoked sheet RSS** (RSS1-CV, RSS1, RSS3), **Latex HA / LA 60% DRC**, **Compound Rubber and Skimblock** have been well consumed in more than 35 nations and territories.

We always strive for quality and excellent service to create pleasure and satisfaction to our customers. Our motto is: Integration- Commitment- Development, we strongly assure and guarantee your trust in Viruco.

We would like to send our gratefulness and warm welcome to all of you for cooperation on basis of mutual benefit and development with us.

VISION

To be globally recognized as the reliable supplier in Vietnam. Viruco would like to build a good link of natural rubber material for rubber production industries.

MISSION

we have commitment to supply goods of agreed quality with our full responsibility, timely delivery, professional service.
potential growth of

Company name: VIET PHU THINH RUBBER JOINT STOCK COMPANY-VIRUCO

Year of Establishment: 2003

Legal Status: Joint Stock Company

Total Factory Area: 10.9 hecta

Total Building Area: 4.5 hecta

Establishment cost: 10 \$M

Products: Natural rubber material
(Block rubber, RSS, Latex)

Compound Rubber & Skim Block

Number of Employee: 205

Legal Address: 125/11 Nguyen Cuu Van Str,
Binh Thanh District, Hochiminh City, Vietnam

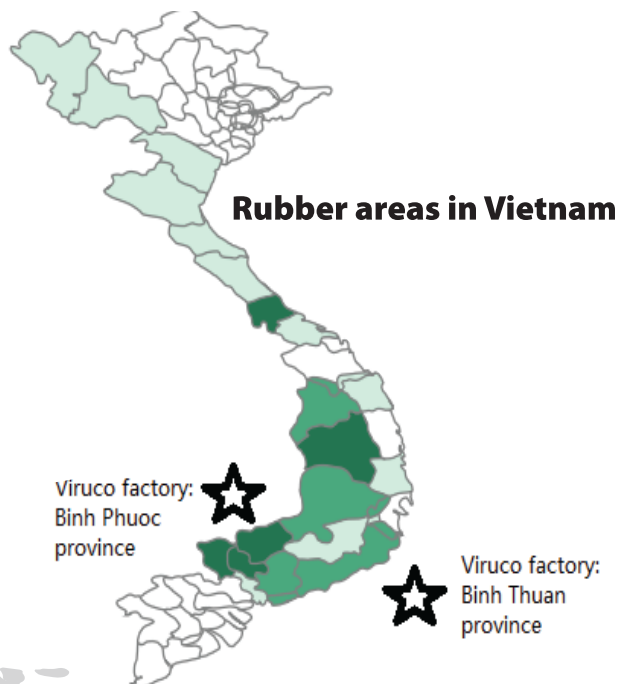
Postal Address: 456 Phan Xich Long Str, Ward 2,
Phu Nhuan District, Hochiminh City, Vietnam

Factory name : Phuoc Thanh Rubber Limited- VIRUCO

Address: Hoa Vinh Hamlet, Thanh Tam Commune,
Chon Thanh District, Binh Phuoc Province, Vietnam

Factory name : Minh Phu Rubber Co., Limited- VIRUCO

Address: Duc Phu Commune, Tanh Linh Town, Binh Thuan Province, Vietnam



Certification mark
"VIETNAM RUBBER" granted
by Vietnam Rubber
Association dated 02.12.2019



Member of Vietnam Rubber
Association since 2003



- In recognition of the reliable exporter from 2005 to 2019 by Vietnam Rubber Association.
- In recognition of the reliable exporter in 2018 by Ministry of Industry and Trade under the Decision no 2629/QĐ-BCT dated 26.08.2019



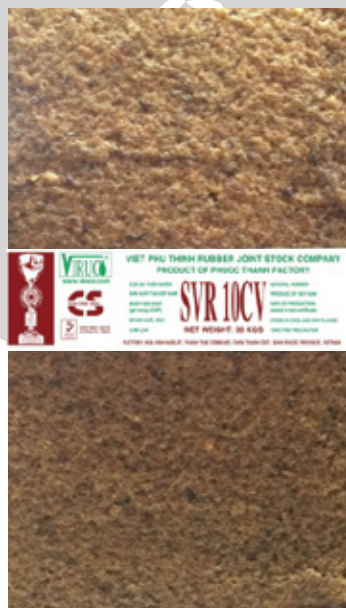
One of Top 10 companies
for NR export value in Viet Nam
since 2007



VIRUCO, specializes in processing the products of standard quality & specific quality by requirements of customer: SVR CV40, SVR CV70, SVR CV60 of high Po, SVR 10 Latex

BLOCK RUBBER: SVR CV50, SVR CV60, SVR 3L, SVR 5WF, SVR 10, SVR 20, SVR 10 CV60, SVR 20 CV60

Bale form: 33.33 kgs, 35 kgs/bale or order size



COMPOUND RUBBER through DRY PRE-BREAKER MACHINES(SVR 3L, SVR 10, RSS)

SKIM BLOCK:

Skim Rubber is a material which results from the production of latex concentrate by centrifugation. After the centrifugation process, some 5-10% of the total rubber, together with an enhanced proportion of the non-rubber constituents of the original latex, remain in the serum phase to form 'skim latex'. Neutralization and coagulation of this latex by appropriate methods than gives 'skim rubber'.

RIBBED SMOKE SHEET: RSS1-CV, RSS1, RSS3, ADS/RSS1 XL
Bale form: 33.33, 35, 20, 25, 111.11 kgs/bale



Latex HA/LA 60% DRC
Packing in flexibag, drums, IBC



**Vietnamese Standard: The Specifications of Natural Rubber in Block
(TCVN 3769: 2016)**

Parameter	Grade								
	SVR CV 60	SVR CV 50	SVR L	SVR 3L	SVR 5	SVR 10CV	SVR 10	SVR 20CV	SVR 20
1. Dirt content (max % wt) (retained on 45 micron sieve)	0.02	0.02	0.02	0.03	0.05	0.08	0.08	0.16	0.16
2. Ash content (max % wt)	0.40	0.40	0.40	0.05	0.60	0.60	0.60	0.08	0.80
3. Nitrogen content (max % wt)	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
4. Volatile matter (max % wt)	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
5. Initial plasticity (Po) (min)	-	-	35	35	30	-	30	-	30
6. Plasticity retention index (PRI) (min)	60	60	60	60	60	50	50	40	40
7. Lovibond Color I Index (max)	-	-	4	2-6	-	-	-	-	-
8. Mooney Viscosity ML (1'+4') 100oC	60+/-5	50+/-5	-	-	-	60(+7/-5)	-	65(+7/-5)	-

**Vietnamese Standard: The Specifications of
Natural Rubber in Block
(TCVN 3769: 2016)**

Parameter	Grade	
	SVR CV 40	SVR CV 70
1. Dirt content (max % wt) (retained on 45 micron sieve)	0.02	0.02
2. Ash content (max % wt)	0.40	0.40
3. Nitrogen content (max % wt)	0.60	0.60
4. Volatile matter (max % wt)	0.80	0.80
5. Initial plasticity (Po) (min)	-	-
6. Plasticity retention index (PRI) (min)	60	60
7. Lovibond Color I Index (max)	-	-
8. Mooney Viscosity ML (1'+4') 100oC	40+/-5	70+/-5

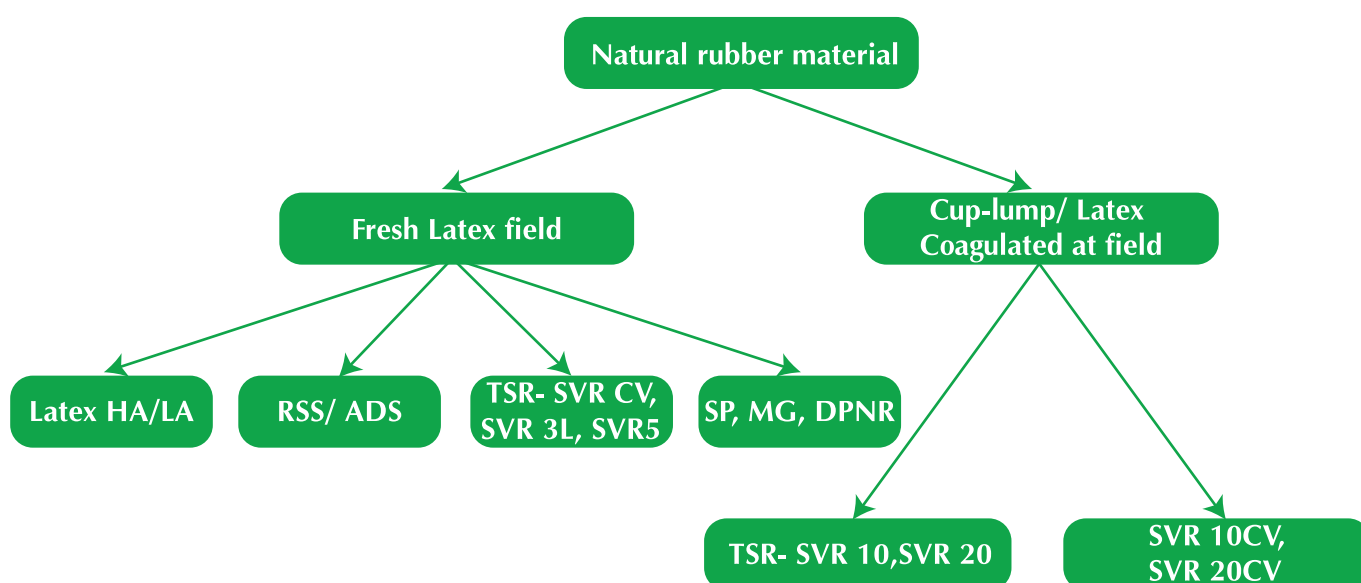
**Vietnamese Standard: The Specifications of
Natural Latex Concentrate
(TCVN 6314:2013)**

Parameter	Limits	
	HA	LA
Total solids content, %wt Min	61.00	61.00
Dry Rubber Content (DRC) %wt	60.00	60.00
Non-Rubber Content %wt, Max (TSC minus DRC)	1.70	1.70
Total Alkalinity (NH ₃) %wt Min- Max	0.60 -	- 0.29
Mechanical Stability Time (MST) sec Min,	650	650
Volatile fatty acid (VFA) max	0.06	0.06
KOH number, max	0.70	0.70
pH value	-	-

Ribbed Smoked Sheet Classification (based on The Green Book, 1969)

Grade	Rubber mold	Wrapping mold	Opaque spots	Over smoked spots	Oxidized spots	Burnt sheet
RSS 1	Very slight	Very slight	No	No	No	No
RSS 2	Slight	Slight	No	No	No	No
RSS 3	Slight	Slight	Slight	Slight	No	No
RSS 4	Slight	Slight	Slight	Slight	No	No
RSS 5	Slight	Slight	Slight	Slight	N/A	No

Grade	Brief Description of RSS Grades (based on The Green Book, 1969)
RSS 1	Clean, dry, strong, small-scattered pinhead bubbles, free from blemishes, sand, foreign matter, under-cured.
RSS 2	Dry mould no more than 5%, clean, dry, strong, small-scattered pinhead bubbles, specks of bark, free from blemishes, sand, foreign matter, under-cured.
RSS 3	Dry mould no more than 10%, clean, dry, strong, small-scattered pinhead bubbles, specks of bark, free from blemishes, sand, foreign matter, under-cured.
RSS 4	Dry mould no more than 20%, clean, dry, strong, small-scattered pinhead bubbles, specks of bark, free from blemishes, sand, foreign matter.
RSS 5	Dry mould no more than 30%, clean, dry, strong, large bark particles and bubbles, small blisters, blemishes, free from sand, foreign matter.



KINDS OF PACKING



Wooden Pallets
16 pallets in FCL 20'



Metal Boxes by Goodpack supplied by the Buyer
16 pallets in FCL 20'



Steel drums 205 kgs/drum,
80 drums=16.40 mts/FCL 20'



Flexibag bag,
01 bag=20 - 21 mts/ FLC 20



IBC 1000 kgs/each,
20 IBC/FCL 20'



LOOSE BALES: 35, 33.33, 25, 20, 111.11, 50 kgs/bale
20-21 mts/FCL 20'



Normal poly
+ Length: 950mm-1.050mm
+ Width: 500mm -550mm
+ Thickness: 0,03mm-0.05mm +/-0,01mm

Thick poly
+ Length: 950mm-1.050mm
+ Width: 500mm -550mm
+ Thickness: 0.08-0,10mm +/-0,01mm

100% Plastics pallets with plastics base
16 pallets in FCL 20'



Shrink-wrapped pallets with wooden bottom
16 pallets in FCL 20'



PRODUCTION ACTIVITIES



"Moving forward with quality in mind"



RUBBER TESTING LABORATORY OF VIRUCO
CODE NO: VILAS 987



Automotive

Vehicle Tires

Engine Belts, Insulators

Gasket, seals, strips, etc.

Medical

Surgical Gloves

Syringes, Droppers

Catheters, Caps, Teats, etc.

Manufacturing

Coveyor Belts

Moldings, Linings

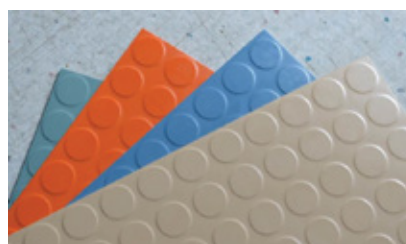
Tubes, Hoses, Mats, etc

Consuming

Apparel, Footwear, lables

Footstuff, Packaging

Sports Goods & Equipment



EXTENDING AND PROMOTING CORPORATE
SOCIAL RESPONSIBILITY (CSR)
VALUES ALONG THE SUPPLY CHAIN

- Caring for human rights, health and safety at work
- Compliance with regulations and social norms, fair and appropriate activity of the company
- Caring for the environment
- Project on wastewater reuse in 2020
- Project on solar solution: gathering green energy from the sun , and taking a significant step towards CO2-neutral status in 2020
- Project on Environment management systems ISO 14001:2015
- Project on certification IATF 16949:2016



VIET PHU THINH RUBBER JOINT STOCK COMPANY - VIRUCO

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