



**WORLD'S BEST
PRODUCTION LINE**



SPORTMAN
#1 Longest Lasting Dehusking Roller

Longest Lasting Dehusking Roller



TIS.633-1988

**APPROVE BY THAILAND INDUSTRIAL
STANDARD 633-2531**

#No.

1



DETCHAI RUBBER CO.,LTD.
Believe in World Standard



www.detchaipolymer.com



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About Us

Detchai rubber co., Ltd is a manufacturer of the paddy husking rubber roller.

We are specialists in producing paddy dehusking rubber roller for more than 40 years. Started with the Thai government want us to make rice rubber rollers that can replace imported rice rubber rollers, so the the investment Promotion certificate by the BOI (Board of investment of Thailand)

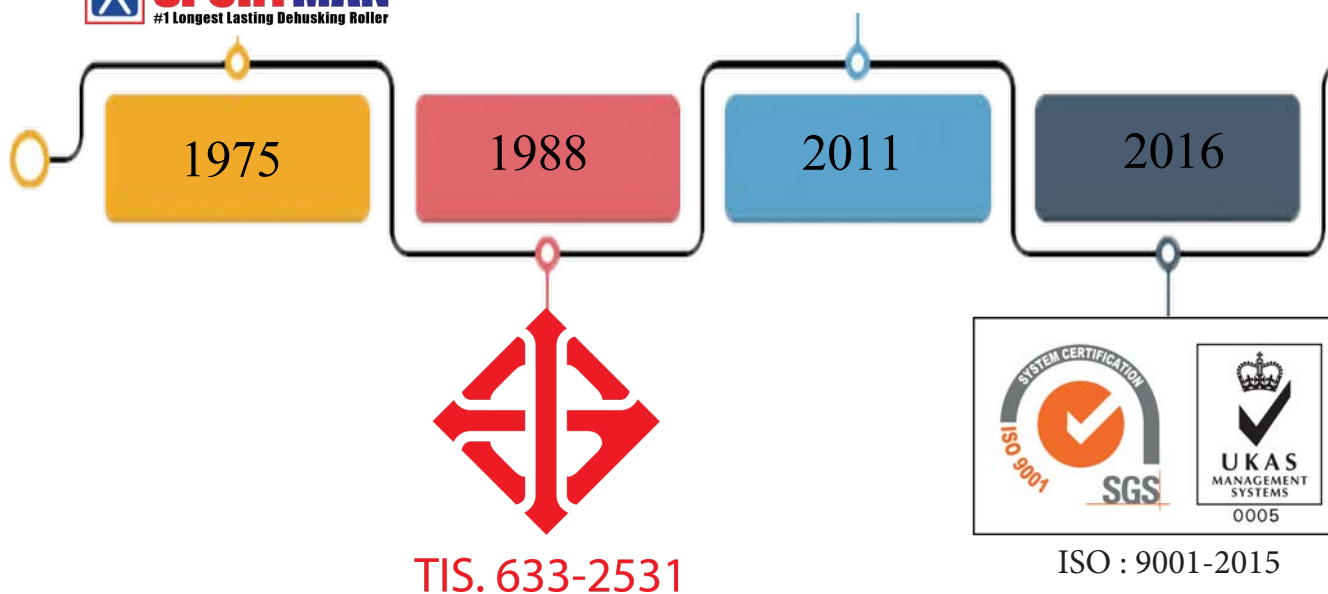
Also to set the rubber rice roller standard we have to make our product to meet Thailand's industrial standard, which is compatible with Japanese and American rice roller standards. (TIS.633-1988)

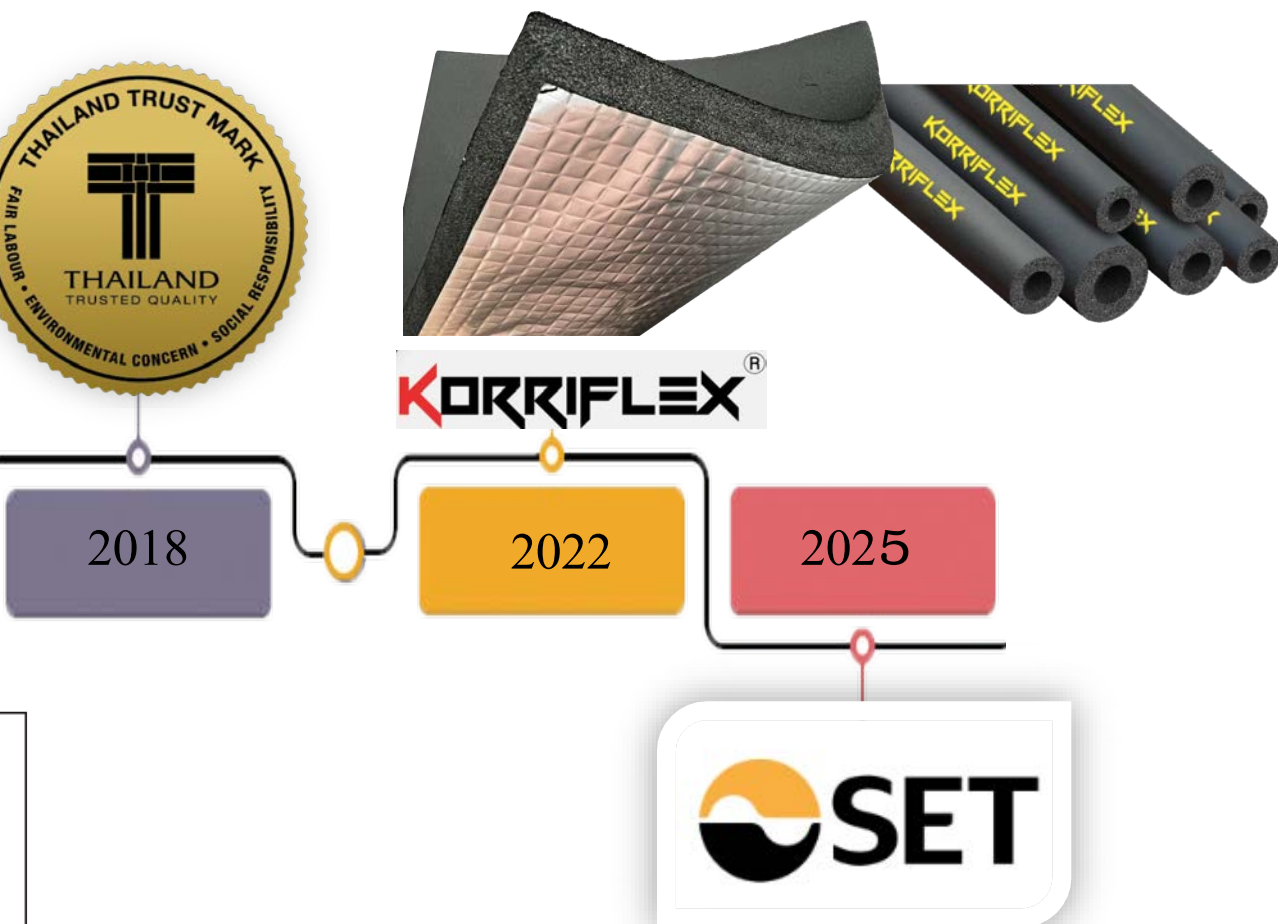
So, we are the only manufacturer in Thailand that has Thailand's industrial standard.

Sportman rice rubber roller is the number 1 in the Thai market. This is because of the durability performance and cost efficiency. We have a capacity of 1000 units/day. We also export to many Asian and Latin countries. Such as Malaysia, Philippines, Myanmar, Bangladesh, Ecuador, and Korea. All customers keep repeating their orders. You can be sure that you will get only the best performance product from Detchai rubber.



ISO : 9100-2008





40 YEARS in rice rubber roller manufacturing experience



“EXPERIENCE”

Our production team is well-educated and well-experienced in polymer and elastomer products. We make sure that every process gives the best dehusking rubber roller. We design every compound and production process for the longest life service dehusking rice rubber roller. We have been producing rice rubber rollers more than 40 years. Customers can rest assured of the quality of rice rubber roller from Sportman.



“DURABILITY”

Many customers have approved us for the most extended service life of the dehusking roller. SportMan roller is superior compared to others in the worldwide market. Every customer enjoys the benefit of a long-lasting rice rubber roller from SportMan.



“RELIABILITY”

Our rubber rice rubber roller approved by Thailand industrial Standard since 1989 Our Thai industrial Standard number 633 - 1988 is compatible with Japanese rice hulling rubber and American Standard Institute.

 TIS.633-1988 <small>Approved by THAILAND INDUSTRIAL STANDARD</small>	Compatible	 JIS B 9124-1976 <small>Japanese rice hulling rubber roller</small>	 ANSI IS : 8427-1977 <small>American National Standards Institute USA rice hulling rubber roller</small>
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The compound of Sportman rubber roller is the key factor of the quality.

We guarantee that every batch is the best compound. Each compound provides all our knowledge in polymer and elastomer science. Here comes the role of our technical team to provide for the best compound of SportMan rice rubber roller in our rice mill factory.

Our technical team makes sure to provide for the best compound of SportMan rice rubber roller as our standard for the benefit of our customers.

Quality is our reputation. Sportman not only meets every rice roller standard to benefit our customers. We also promised to give the high rice rubber roller performance



Compound Test – To Meet World Standard

The compound of Sportman rubber roller is the key factor of the quality. We guarantee that every batch is the best compound to provide from all the knowledge in polymer science.

Abrasion Test – For World Standard Performance

To satisfy our customers for the durability of our polymer product, we have been focus on the abrasion of our compound. Every compound has developed and lock for the best properties at the best suitable cost. It is because we must serve the best to customers.



Abrasion Test

There are various ways to check abrasion properties. This rolling abrasion test is also crucial for abrasion properties. We use this testing machine to make sure that our abrasion properties are outperforming than others in the market.

Tensile Test

Tensile properties show how good elastic our compounds are. We make sure that every compound gives us the best elastic properties. So, this will help our product give the best performance.



Din Abrasion Test

DIN Abrasion tester GT-KB03 is used to determine wear performance test of materials like elastic material, rubber, tires, conveyor belts, conveyor belts, shoe soles.

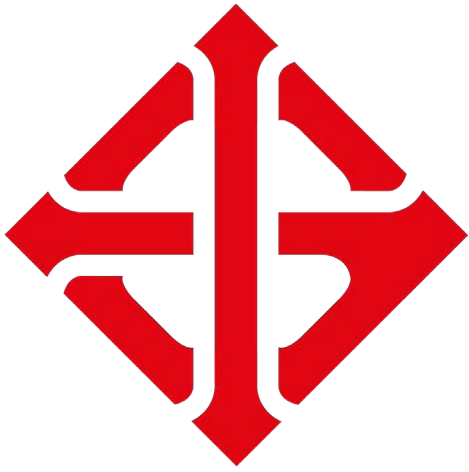
Standards:

DIN-53516, JIS-K6369, JIS K6264-2, GB/T 20991 section 8.3, GB/T 20265, GB20266-2006, GB/T 9867, EN ISO 20344 section 8.3, AS/NZS 2210.2 section 8.3, ISO 4649, BS903-A9 Method A, ASTM D5963, ISO20871, QB/T2884, EN 12770

Finished Product Test

We have a balancing test with our finished rice rubber roller to meet the world standard.





APPROVE BY THAILAND
INDUSTRIAL STANDARD
633-2531



TIS.633-1988

Thai industrial Standard number 633-1988

is compatible with Japanese rice hulling rubber roller Standard and American paddy dehusking rubber roller standard.



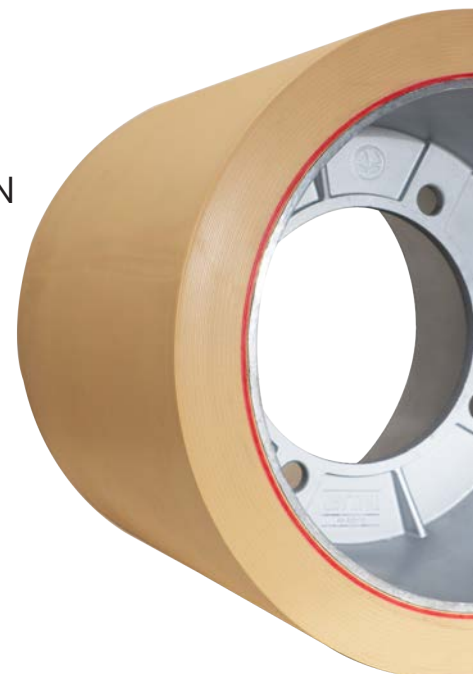
3 STEPS TO CONTROL THE QUALITY

OF PRODUCTION OF SPORTSMAN RICE RUBBER
ROLLER THAT MEET ALL INTERNATIONAL STANDARDS

DIMENSIONAL QUALITY TEST BY Thai industrial
Standard Institute

COMPOUND TEST BY RUBBER RESEARCH CENTER
MAHIDOL UNIVERSITY

PROPERTY OF RICE RUBBER ROLLER TEST BY SPORTSMAN
QUALITY CONTROL DEPARTMENT



We're Trusted World Wide

Recently, SPORMAN is exported to many other countries such as Philippines, Laos, Malaysia.

Our experiences in Thai rice mills help us to design the rubber compound to be suitable for each type of paddy in each country.





VIC TAM Asia 2018



Export to :



Myanmar



Philippines

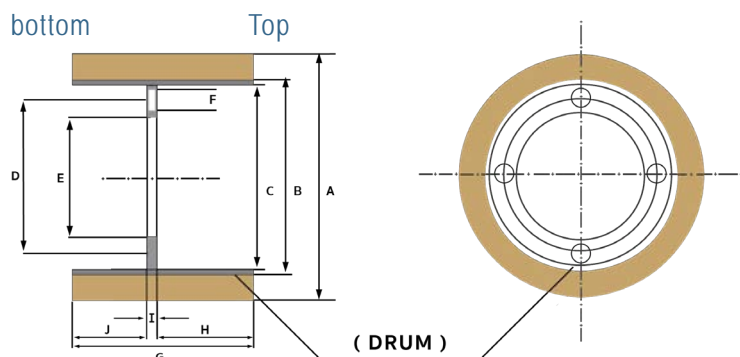


Malaysia



10x10 Inches Rice Rubber Roller

LONGEST LASTING DEHUSKING ROLLER



** THIS IMAGE IS COPYRIGHT OF DEJCHAI RUBBER



DIMENSION ●●

SR.NO	Size 10"x 10 "
A	254.0 ± 1 ^(mm.)
B	203 ± 1
C	195 ± 1
D	142.0 ± 0.5
E	116.0 ± 0.3
F	13.0 x 4 Holes
G	254.0 ± 0.5
H	117 ± 0.5
I	13 ± 1
J	127.0 ± 0.3 ^(mm.)

MATERIAL ●●

Material	Special Polymer
Drum Type	Aluminum
Material Grade	Heat Resistant Formula
Rubber Color	Cream

PACKING: CARTON BOX AND SHRINK FILM



Mechanical Properties ●●

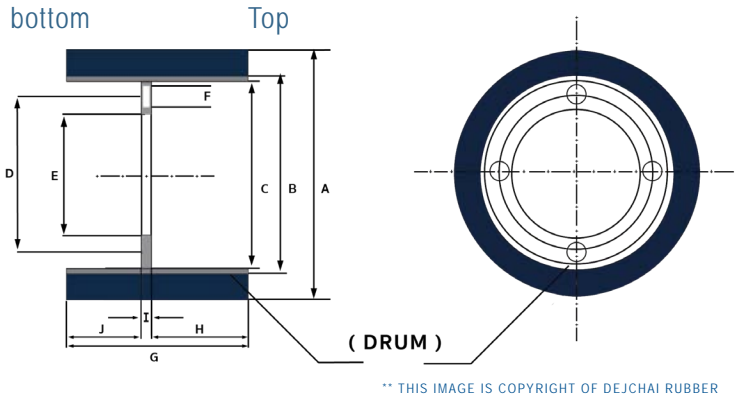
Properties List	Measurement	Control Value	Standard Use	Result
Hardness	shore A	92 - 94	ASTM D2240 / JISK 6253	Pass
Heat Aging 2 hrs@80c	shore A	max < - 10	ASTM D2240 / JISK 6253	Pass
Elongation	%	200 higher	ASTM D412 / JISK 6251	Pass
Tensile properties	Mpa	9.8 higher	ASTM D412 / JISK 6251	Pass

Abrasion resistance ●●

DIN abrasion test	Mg loss	max < 120	ASTM D5963-04 DIN 53516 ISO 4649	Result
				Pass

10x10 Inches Rice Rubber Roller

LONGEST LASTING DEHUSKING ROLLER



MATERIAL ●●

Material	Special Polymer
Drum Type	Aluminum
Material Grade	Heat Resistant Formula
Rubber Color	Navy Blue

DIMENSION ●●

SR.NO	Size 10"x 10 "
A	254.0 ± 1 (mm.)
B	203 ± 1
C	195 ± 1
D	142.0 ± 0.5
E	116.0 ± 0.3
F	13.0 x 4 Holes
G	254.0 ± 0.5
H	117 ± 0.5
I	13 ± 1
J	127.0 ± 0.3 (mm.)

PACKING: CARTON BOX AND SHRINK FILM



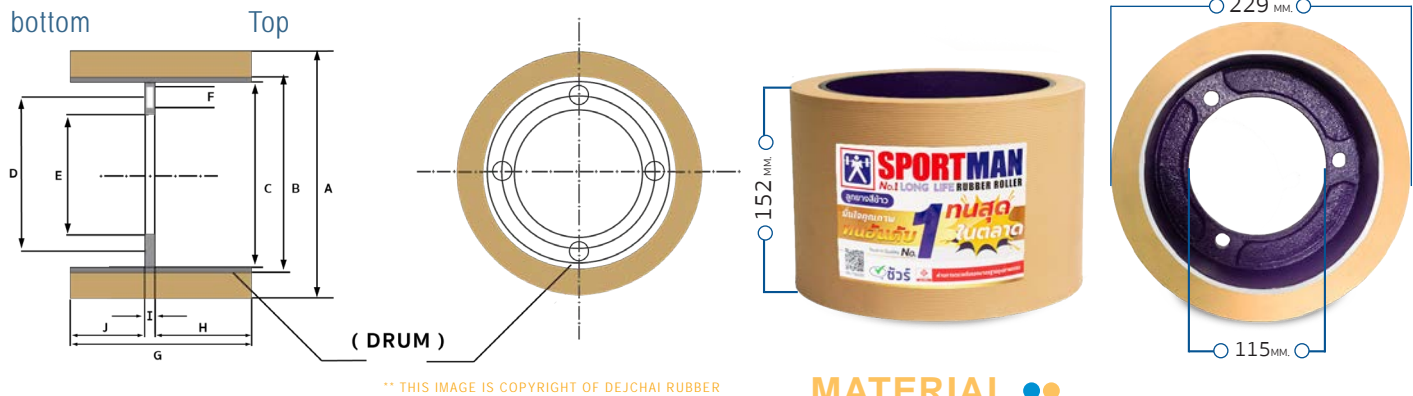
Mechanical Properties ●●

Properties List	Measurement	Control Value	Standard Use	Result
Hardness	shore A	92-94	ASTM D2240 / JISK 6253	Pass
Heat Aging 2 hrs@80c	shore A	max < - 10	ASTM D2240 / JISK 6253	Pass
Elongation	%	200 higher	ASTM D412 / JISK 6251	Pass
Tensile properties	Mpa	9.8 higher	ASTM D412 / JISK 6251	Pass

Abrasion resistance ●●

DIN abrasion test	Mg loss	max < 120	ASTM D5963-04 DIN 53516 ISO 4649	Result
				Pass

6 x 9 Inches Rice Rubber Roll- LONGEST LASTING RICE RUBBER ROLLER



DIMENSION ●●

SR.NO	Size 6"x 9"
A	229 ± 1 (mm.) -0
B	180 ± 0.5
C	173 ± 0.5
D	125 ± 0.5
E	115.0 ± 0.1
F	13.0 x 3 Holes
G	152.4 ± 0.5
H	69.2 ± 0.5
I	5 ± 0.3
J	75 ± 0. (mm.)

MATERIAL ●●

Material	Special Polymer
Drum Type	Aluminum
Material Grade	Heat Resistant Formula
Rubber Color	Cream

PACKING: CARTON BOX AND SHRINK FILM



Mechanical Properties ●●

Properties List	Measurement	Control Value	Standard Use	Result
Hardness	shore A	92-94	ASTM D2240 / JISK 6253	Pass
Heat Aging 2 hrs@80c	shore A	max < - 10	ASTM D2240 / JISK 6253	Pass
Elongation	%	200 higher	ASTM D412 / JISK 6251	Pass
Tensile properties	Mpa	9.8 higher	ASTM D412 / JISK 6251	Pass

Abrasion resistance ●●

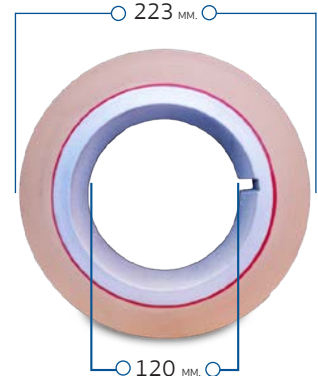
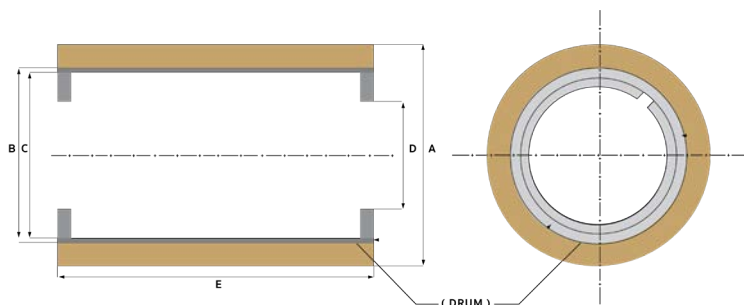
DIN abrasion test	Mg loss	max < 120	ASTM D5963-04 DIN 53516 ISO 4649	Result
				Pass

14 x 9 Inches Rice Rubber Roller

LONGEST LASTING RICE RUBBER ROLLER



SPORTMAN
#1 Longest Lasting Dehusking Roller



DIMENSION

SR.NO	Size 14"x 9 "
A	223 ± 1 -0 (mm.)
B	167 ± 0.5
C	143 ± 0.5
D	120 ± 0.1
E	355 ± 0.5

PACKING: CARTON BOX AND SHRINK FILM



14 x 9 inch @ 1 units
Net weight : 15.62 Kg
Gross weight : 15.92 Kg

MATERIAL

Material	Special Polymer
Drum Type	Iron
Material Grade	Heat Resistant Formula
Rubber Color	Cream

Mechanical Properties

Properties List	Measurement	Control Value	Standard Use	Result
Hardness	shore A	92-94	ASTM D2240 / JISK 6253	Pass
Heat Aging 2 hrs@80c	shore A	max < - 10	ASTM D2240 / JISK 6253	Pass
Elongation	%	200 higher	ASTM D412 / JISK 6251	Pass
Tensile properties	Mpa	9.8 higher	ASTM D412 / JISK 6251	Pass

Abrasion resistance

DIN abrasion test	Mg loss	max < 120	ASTM D5963-04 DIN 53516 ISO 4649	Result
				Pass

1 Longest Lasting Dehusking Roller



CONTACT US



DETCHAI RUBBER CO.,LTD.

Believe in World Standard

200 Moo 3 Phaholyothin Road, Nong Krot Subdistrict, Mueang Nakhon
Sawan District, Nakhon Sawan 60240 Thailand

+66-95-7742000

athit@detchaipolymer.com

www.detchaipolymer.com