

## **Opportunities for India in the Chinese Market on account of China's latest retaliatory tariffs on US Products (In force from 1<sup>st</sup> July 2019)**

The U.S. administration relying partly on Section 301 of the Trade Act of 1974 to prevent what it claims are unfair trade practices and theft of intellectual property by China, decided to unilaterally impose prohibitive tariffs and other penalties on its major trading partner as it perceived China to be unfairly harming U.S. business interests. President Trump had already, in August 2017, opened a formal investigation into attacks on the intellectual property of the U.S. and its allies, the theft of which cost the U.S. alone an estimated \$225–600 billion a year. China retaliated with imposition of counter tariffs on US goods. The tariffs and retaliatory tariffs increased over time and can be considered now to have reached the proportions of a trade war.

The ongoing Sino-American trade war may bring about a shift in the global trading patterns due to spillover effects and displacement of the bilaterally traded commodities to other countries. The first set of tariffs was imposed by the US in January, 2018 when the US hiked tariffs on products which were a major supply of China to US. Later in March, another set of tariffs of 25% were announced by the US on steel and aluminum imports from China. Consequently, in a quick response, China announced its own retaliatory tariffs, first on 128 American products including the politically sensitive lines of agricultural products and automobiles. Of these, 120 products have an extra 15% import duty, while eight have to bear a 25% tax hike. These tariffs came into force on 2nd April 2018. Thereafter, China again levied tariffs of 25% on a second list of 106 products ranging from items like soybeans, chemicals, automobiles among others. This came into force from early July 2018. Thereafter, in August, a third list of 114 US goods were subject to additional tariffs which includes crude oil, diesel and magnetic resonance imaging kits etc. immediately followed by a fourth list of tariffs on 255 US goods was levied by China.

On May 9, 2019, the US government announced that since May 10, 2019, the tariff rate imposed on the \$200 billion list of goods imported from China has increased from 10% to 25%. The above measures by the United States have led to an escalation of Sino-US economic and trade frictions.

Retaliating to the above, the "People's Republic of China" decided that since June 1, 2019, the United States Imported goods will face increased tariff rate. The relevant announcement was as follows:

To increase the tariff rate of some of the commodities in the "Notice of the Custom Tariff Commission of the State Council on the Implementation of Customs duty of Imports of about US\$60 Bn of Imported Goods from the United States":

1. 2493 tax items shall be subject to 25% tariff rate.
2. 1078 tax items shall be subject to 20% tariff rate.
3. 974 tax items shall be subject to 10% tariff rate.
4. 595 tax items shall be subject to 5% tariff rate.

These ongoing retaliatory tariffs provide a window of opportunity for enhancing India's exports to China. The purpose of this analysis is to identify such lines.

In this context, a commodity-wise analysis has been carried out on each of the above set of lines on which retaliatory tariffs have been levied by China against the US bringing out the volume of exports to China from the US, the world and India, India's present status of exports to the world in these lines, and major import sources for China. Summarized position bringing out the number of lines which have potential for increasing exports to China from India, based on the size of exports from US and India's capacity and availability of market access for these lines, are being shared with the major industry associations and line ministries.

The specific lines in which India can potentially expand exports to China immediately based on its strengths and available market access in China and also those in which concerted efforts need to be made

to acquire market access and/or to increase exportable surplus are also being shared with the line Ministries/Departments giving product wise details at HS 8-digit level.

**Summary Matrix of the Analysis:**

<b>China's imports from the US</b> ↑	<b>Line of USD 1 mn</b>	<p>279 lines are such in which China's imports to USA are greater than US\$ 9 Bn (Over US\$ 1 million in each line) whereas India's total exports in these lines is very low. India has limited strength in these lines hence cannot capitalize on the market vacated by US in China</p> <p>In these 279 lines:</p> <p>China's imports from USA = US\$ 9.6 Bn</p> <p>India's exports to World = US\$ 82 Mn</p> <p>India's exports to China = US\$ 3.2 Mn</p>	<p>774 lines are such in which China's imports from USA are substantial &amp; India exports to the world are also substantial. <b>Out of these, 151 lines are such in which India has the potential to replace the USA exports to China as it has market access and is a competitor of US in these lines.</b></p> <p><b>Lines to be acted upon</b></p> <p>In these 774 lines:</p> <p>China's imports from US = US\$ 20.4 Bn</p> <p>India's exports to World = US\$ 32.8 Bn</p> <p><b>India's exports to China= US\$ 2.9 Bn</b></p>
	<b>Line of USD 1 mn</b>	<p>2197 lines are such in which China's imports from USA are negligible (US\$ 406 Mn only i.e. &lt;=1 US\$ Mn in each line) and India's exports to World are only of cosmetic value since China did not import substantially under these lines from US</p> <p>In these 2197 lines</p> <p>China's imports from USA = US\$ 406 Mn</p> <p>India's export to World = US\$ 175 Mn</p> <p>India's exports to China = US\$ 3.8 Mn</p>	<p>709 lines are such in which India's exports to world are substantial but China's imports from USA very low i.e. only US\$ 159 Mn (&lt;=1 US\$ million in each line). So no market space has been vacated by USA in China.</p> <p>In these 709 lines:</p> <p>China's imports from USA = US\$ 159 Mn</p> <p>India's exports to World = US\$ 30.2 Bn</p> <p>India's exports to China = US\$ 667 Mn</p>
		<b>India's exports to the World</b> →	

However, due to lack of concordance at HS 8-digit level, 1181 such lines have been analysed at HS 6-digit level to explore the option of export to China with minor adjustments and modifications.

**KEY**

- Green lines are those with the potential to replace the US goods as India is a strong supplier.
- Red lines in which China's imports from US & India's export to the world are less than 1 US\$ Mn in each line. Hence, are only of cosmetic value.
- Peach lines in which China's imports from US are less than & equal to 1 USD Mn in each line while India's export to the world are substantial.
- White lines in which China's import from USA are more than USD 1 Mn in each line but India is not a substantial exporter and does not have the strength to leverage the market space likely to be vacated by US.

### **Analysis of the first list of tariffs on 2493 lines with 25% duty levied by China:-**

- 1880 lines out of these 2493 lines, the raised tariffs would not have any impact on US exports or Chinese imports as USA's exports to China under these lines are negligible (less than or equal to USD 1 million). These lines are, therefore, only of **cosmetic value**. Thus, this would not result in substantial opportunities for other country's exporters to fill in as the traded volumes was very low. This small gap is likely to be filled in by domestic production in China.
  
- In the balance 613 lines, **USA's exports to China are substantial** (more than USD 1 million in each line) and the retaliatory tariffs of 25% will impact US exports to China and vacate some space in the Chinese market thus providing an opportunity to other countries to displace the US exports. These 613 lines have been further examined for India's relative strength in exports based on exports data from Trade Map and DGCIS.
  - The analysis reveals that out of these 613 lines, there are **47 lines in particular in which India has an outright advantage to displace US exports to China as India is a strong exporter in these lines and has market access in China**. The top five lines are *29024300 P-Xylene, 25161100 Granite, crude or roughly trimmed, 85044030 Inverter, 29024100 o-Xylene, 26030000 Copper ores and concentrates*.
  - In another 155 lines for which US exports to China are substantial (more than USD 1 million), though India is an exporter to other countries, it's present exports to China are negligible at present, due to lack of market access. For these lines, market access with China would be vigorously pursued using the assistance of our Embassy in Beijing. In 80 of these lines there is limited scope for India's exports to China as India is not a major exporter of these products and thus cannot capitalize on the space vacated by the US products.
  - In 331 lines, due to lack of concordance at HS 8-digit level, these lines have been analyzed at HS 6-digit level to explore the option of export to China with minor adjustments and modifications.

### **Analysis of the second list of 1078 lines with 20% duty levied by China:**

- In 466 lines the raised tariffs would not have any impact on US exports or Chinese imports as USA's exports to China under these lines are negligible (less than or equal to USD 1 million). These lines are, therefore, only of **cosmetic value**. Thus, this would not result in substantial opportunities for other country's exporters to fill in as traded volumes were very low. This small gap is likely to be filled in by domestic production.
  
- In the balance 612 lines, **USA's exports to China are substantial** (more than USD 1 million in each line) and the retaliatory tariffs of 20% will impact US exports to China and vacate some space in the Chinese market thus providing an opportunity to other countries to displace the US exports. These 612 lines have been further examined for India's relative strength in exports based on exports data from Trade Map and DGCIS.
  - The analysis reveals that out of these 612 lines, **there are 50 lines in which India has an outright advantage to displace US exports to China as India is a strong exporter in these lines and also has market access in China**. The top lines are *40030000 Reclaimed Rubber*

*in primary forms or in plates, sheets or strip, 84819090 Parts of taps, cocks and similar appliances, 48043100 Unbleached kraft paper/paperboard.*

- In another 179 lines for which US exports to China are substantial (more than USD 1 million), though India is an exporter to other countries, it's present exports to China are negligible at present, probably due to lack of market access. For these lines, possible market access with China would need to be vigorously pursued. In 55 lines there is limited scope for India's exports to China as India is not a major exporter of these products.
- In 328 lines, due to lack of concordance at HS 8-digit level, these lines have been analyzed at HS 6-digit level to explore the option of export to China with minor adjustments and modifications.

#### **Analysis of the third list of 974 lines with 10% duty levied by China:**

- In 324 lines out of these 974 lines, the raised tariffs would not have any impact on US exports or Chinese imports as USA's exports to China under these lines are negligible (less than or equal to USD 1 million). These lines are, therefore, only of **cosmetic value**. Thus, this would not result in substantial opportunities for other country exporters to fill in the gap as traded volumes to be displaced are very low.
- In the balance 650 lines, **USA's exports to China are substantial** (more than USD 1 million in each line) and the retaliatory tariffs of 10% will impact US exports to China and vacate some space in the Chinese market thus providing an opportunity to other countries to displace the US exports. These 650 lines have been further examined for India's relative strength in exports based on exports data from Trade Map and DGCIS.
  - The analysis reveals that out of these 650 lines, **there are 29 lines in which India has an outright advantage to displace US exports to China as India is a strong exporter in these lines and also has market access in China.** The top lines are *29142990 Cyclanic/cyclenic/cycloterpenic ketones, 85176990 Other equipment for transmission voice/data in a wired network, 40092100 Tubes & pipes & hoses of vulcanized rubber*
  - In another 198 lines for which US exports to China are substantial (more than USD 1 million), though India is an exporter to other countries, it's present exports to China are negligible at present, probably due to lack of market access. For these lines, possible market access with China would need to be vigorously pursued. In 84 lines there is limited scope for India's exports to China as India is not a major exporter of these products.
  - In 339 lines, due to lack of concordance at HS 8-digit level, these lines have been analyzed at HS 6-digit level to explore the option of export to China with minor adjustments and modifications.

#### **Analysis of the fourth list of 595 lines by China (5% tariff):**

- It can be seen that in 236 lines out of these 595 lines, the raised tariffs would not have any impact on US exports or Chinese imports as USA's exports to China under these lines are negligible (less than or equal to USD 1 million). These lines are, therefore, only of **cosmetic value**. Thus, this would not result in substantial opportunities for other country exporters to fill in the gap as traded volumes to be displaced are very low.

- In the balance 359 lines, **USA's exports to China are substantial** (more than USD 1 million in each line) and the retaliatory tariffs of 5% will impact US exports to China and vacate some space in the Chinese market thus providing an opportunity to other countries to displace the US exports. These 359 lines have been further examined for India's relative strength in exports based on exports data from Trade Map and DGCIS.
  - The analysis reveals that out of these 359 lines, **there are 25 lines in which India has an outright advantage to displace US exports to China as India is a strong exporter in these lines and also has market access in China.** The top lines are *84089010 Engines, Diesel, 90223000 X-ray tubes, 29333990 Compounds with an unfused pyridine ring in the structure, 29419090 Other antibiotics.*
  - The analysis reveals that out of these 359 lines, there are 91 lines for which US exports to China are substantial (more than USD 1 million), though India is an exporter to other countries, it's present exports to China are negligible at present, probably due to market access issues. For these lines, possible market access with China would need to be vigorously pursued. In 60 lines there is limited scope for India's exports to China as India is not a major exporter of these products.
  - In 183 lines, due to lack of concordance at HS 8-digit level, these lines have been analyzed at HS 6-digit level to explore the option of export to China with minor adjustments and modifications.

The following table depicts the HS chapter wise broad categories of the product lines on which China has imposed tariffs on US goods:

HS Chapters	Description	Subject to 25% tariff	Subject to 20% tariff	Subject to 10% tariff	Subject to 5% tariff
01	Live animals.	2	0	3	0
02	Meat and edible meat offal.	3	0	0	0
03	Fish and crustaceans, molluscs	1	0	0	0
04	Dairy produce; birds' eggs; natural honey	3	0	1	0
05	Products of animal origin	6	1	2	0
06	Live trees and other plants; bulbs; roots and the like; cut flowers	6	1	0	0
07	Edible vegetables	3	1	5	0
08	Edible fruit and nuts.	3	1	0	0
09	Coffee, tea, mate and spices.	18	0	2	0
11	Malt; starches; inulin; wheat gluten.	13	2	4	0
12	Oil seeds and olea, straw and fodder	9	3	5	0
13	Lac; gums, resins and other vegetable saps and extracts.	4	5	2	0
14	Vegetable plaiting materials;	2	0	0	0
15	Animal or vegetable fats and oils	23	6	3	0
16	Preparations of meat, of fish or of crustaceans, molluscs	3	2	2	0
17	Sugars and sugar confectionery.	5	5	3	0
18	Cocoa and cocoa preparations.	6	2	1	0
19	Preparations of cereals, flour, starch or milk; pastry products.	9	6	3	0
20	Preparations of vegetables, fruit,	38	7	15	0

HS Chapters	Description	Subject to 25% tariff	Subject to 20% tariff	Subject to 10% tariff	Subject to 5% tariff
21	Miscellaneous edible preparations.	8	3	5	0
22	Beverages, spirits and vinegar.	20	4	2	0
23	Residues and waste from the food industries; prepared animal fodder.	3	1	6	0
25	Salt; sulphur; earths and stone; lime and cement.	40	7	21	0
26	Ores, slag and ash.	10	1	4	0
27	Mineral fuels, mineral oils and products of their distillation;	1	0	0	0
28	Inorganic chemicals	83	35	33	69
29	Organic chemicals	130	57	63	94
30	Pharmaceutical products	4	0	3	5
31	Fertilisers.	9	3	2	5
32	Tanning or dyeing extracts, dyes and pigments etc	23	18	13	7
33	Essential oils and resinoids; perfumery, cosmetic or toilet	13	16	1	13
34	Soap, washing preparations, lubricating preparations etc	5	5	10	4
35	Albuminoidal substances; modified starches; glues; etc	1	2	9	5
36	Explosives; matches; and combustible preparations.	0	0	1	5
37	Photographic goods.	13	4	5	21
38	Miscellaneous chemical products.	23	11	22	22
39	Plastic and articles thereof.	44	33	31	24
40	Rubber and articles thereof.	35	25	28	14
41	Raw hides and skins (other than fur skins) and leather	18	3	0	6
42	Articles of leather	16	7	0	0
43	Fur skins and artificial fur,	8	2	0	1
44	Wood and articles of wood	68	29	0	12
45	Cork and articles of cork.	4	1	0	0
46	Manufactures of straw, of esparto or of other plaiting materials	4	1	0	0
47	Pulp of wood or of other fibrous cellulosic material	1	1	0	12
48	Paper and paperboard; articles of paper pulp	28	49	0	23
49	Printed books, newspaper	4	12	0	8
50	Silk	5	1	0	0
51	Wool, fine or coarse animal hair	21	1	0	0
52	Cotton.	68	4	4	0
53	Other vegetable textile fibres; paper yarn and woven fabrics	5	0	0	0
54	Man-made filaments.	60	10	19	0
55	Man-made staple fibres.	61	10	13	0
56	Wadding, felt and nonwovens; yarns; etc	9	12	14	0
57	Carpets and other textile floor coverings.	9	8	4	0
58	Special woven fabrics	24	8	7	0

HS Chapters	Description	Subject to 25% tariff	Subject to 20% tariff	Subject to 10% tariff	Subject to 5% tariff
59	Impregnated, coated, covered or laminated textile fabrics	16	13	9	0
60	Knitted or crocheted fabrics.	35	2	3	0
61	Articles of apparel and clothing accessories, knitted or crocheted.	84	6	2	0
62	Articles of apparel and clothing accessories, not knitted or crocheted.	106	13	1	0
63	Other made up textile articles;	28	16	13	0
64	Footwear, gaiters and the like;	27	4	2	0
65	Headgear and parts thereof.	4	4	4	0
66	Umbrellas, sun umbrellas, etc. parts thereof.	5	0	1	0
67	Prepared feathers and down and articles made of feathers and the likes	5	1	4	0
68	Articles of stone, plaster, cement, asbestos, mica	24	11	21	0
69	Ceramic products.	17	5	10	0
70	Glass and glassware.	36	7	38	0
71	Natural or cultured pearls, precious or semiprecious stone	40	9	17	0
72	Iron and steel	112	28	19	0
73	Articles of iron or steel	53	36	47	0
74	Copper and articles thereof.	38	17	16	0
75	Nickel and articles thereof.	7	2	10	0
76	Aluminium and articles thereof.	23	8	20	0
78	Lead and articles thereof.	3	0	4	0
79	Zinc and articles thereof.	5	1	3	0
80	Tin and articles thereof.	6	2	2	0
81	Other base metals; articles	17	9	26	0
82	Tools implements, cutlery, etc. parts of base metal.	35	22	25	0
83	Miscellaneous articles of base metal.	10	10	15	0
84	Boilers, machinery and mechanical appliances; parts thereof.	341	200	115	78
85	Electrical machinery and equipment	221	106	61	71
86	Railway or tramway locomotives,	9	1	2	2
87	Vehicles	0	0	0	24
88	Aircraft, spacecraft, and parts	0	2	1	6
89	Ships, boats and floating structures.	7	1	2	1
90	Optical, photographic cinematographic apparatus	57	38	55	58
91	Clocks and watches and parts	17	2	3	0
92	Musical instruments	11	4	7	0
93	Arms and ammunition	0	1	5	0
94	Furniture; bedding, mattresses,	25	18	8	5
95	Toys, games and sports	18	13	15	0
96	Miscellaneous manufactured articles.	15	37	13	0
97	Works of art collectors' pieces and antiques.	1	3	4	0
	<b>Grand total</b>	<b>2493</b>	<b>1078</b>	<b>974</b>	<b>595</b>

**Table 9: Summary of Analysis of Lines for which China has Increased Tariffs on USA**

Source: DGCIS & Trade Map

**Summary Matrix of the Analysis:**

USA's imports from the China

<p>652 lines are such in which USA's imports from China are greater than US\$ 16 Bn (Over US\$ 1 million in each line) whereas India's export in these lines is negligible. India has limited strength in these lines hence cannot capitalize on the market vacated by China in USA In these 652 lines: USA's imports from China = US\$ 16.4 Bn India's exports to World = US\$ 192 Mn India's exports to USA = US\$ 22 Mn</p>	<p>531 lines are such in which USA's imports from China are substantial &amp; India exports to the world are also substantial. Out of these, 203 lines are such in which India has outright advantage to displace Chinese exports to USA as it has market access and is a major competitor of China. <b>Lines to be acted upon</b> In these 531 lines: USA's imports from China = US\$ 30.6 Bn India's exports to World = US\$ 22.2 Bn India's exports to USA = US\$ 2.4 Bn</p>
<p>2739 lines are such in USA's imports from China are negligible (US\$ 442 Mn only i.e. &lt;=1 US\$ Mn in each line) and India's exports to World are only of cosmetic value since USA did not import substantially under these lines from China In these 2739 lines USA's imports from China = US\$ 442 Mn India's export to World = US\$ 96 Mn India's exports to USA = US\$ 5.5 Mn</p>	<p>344 lines are such in which India's exports to world are substantial but USA's imports from China very low i.e. only US\$ 60 Mn (&lt;=1 US\$ million in each line). So no market space has been vacated by China in USA. In these 344 lines: USA's imports from China = US\$ 60 Mn India's exports to World = US\$ 18 Bn India's exports to USA = US\$ 474 Mn</p>

**Line of USD 1 mn**

**India's exports to the World**

However, due to lack of concordance at HS 8-digit level, 1468 such lines have been analysed at HS 6-digit level to explore the option of export to USA with minor adjustments and modifications.

**KEY**

Green	Green lines with huge displacement of Chinese goods as India is a strong supplier.
Red	Red lines in which USA's imports from China & India's export to the world are less than & equal to 1 USD Mn in each line. Hence, are only of cosmetic value.
Peach	Peach lines in which USA's imports from China are less than & equal to 1 USD Mn in each line while India's export to the world are substantial.
White	White lines in which USA's import from China are more than USD 1 Mn in each line but India is not a substantial exporter.



HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
20041000	Prprd/prsrvd potatoes, not by vinegar, frozen	10%	25	Nil	202.31	101.35	1.91	18.89
21061000	Protein concentrates & textured protein substances	10%	9	Nil	25.03	7.90	2.48	29.41
25161100	Granite, crude or roughly trimmed	25%	3	4	945.10	7.08	363.25	442.47
25309099	Other mineral substances,	25%	3	3	1414.05	2.45	1.35	11.58
26030000	Copper ores and concentrates.	25%	0	Nil	32727.69	474.28	101.77	115.86
28013020	Bromine	25%	5.5	Nil	173.05	6.53	16.28	16.51
28012000	Iodine	25%	5.5	Nil	111.43	1.40	1.26	5.43
28111990	Other inorganic acids, nes	20%	5.5	Nil	113.45	5.60	10.61	14.47
28273990	Chlorides, nes	5%	5.5	5.5	17.113	3.385	1.85	20.79
28332990	Other sulphates, nes	10%	5.5	Nil	31.62	4.77	2.74	39.39
28364000	Potassium carbonates	5%	5.5	Nil	3.542	1.232	1.13	1.84
28421000	Double or complex silicates	20%	5.5	Nil	90.97	2.12	3.91	10.67
29024300	p-Xylene	25%	2	Nil	16942.44	79.87	1290.75	2543.5
29024100	o-Xylene	25%	2	Nil	224.30	6.03	115.9	215.46
29029090	Other cyclic hydrocarbons, nes	20%	2	Nil	138.86	14.86	2.72	44.43

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
29039990	Halogenated derivatives of aromatic hydrocarbons, nes	5%	5.5	Nil	115.124	27	8.25	35.67
29051690	Octanol & isomers thereof, excl. n-octanol	25%	5.5	Nil	212.68	2.22	1.45	2.09
29051990	Saturated monohydric alcohols, nes	20%	5.5	Nil	287.25	15.29	1.47	31.38
29053990	Other diols, nes	10%	4	Nil	385.81	83.32	5.79	35.61
29051410	Isobutyl alcohol	10%	5.5	Nil	42.37	12.26	2.78	11.44
29061990	Cyclonic, cyclenic or cycloterpenic alcohols & derivatives, nes	20%	5.5	Nil	16.31	1.84	1.46	25.64
29071990	Other monophenols, nes	10%	4	Nil	103.88	17.69	2.9	14.3
29072990	Other polyphenols, nes; phenol-alcohols	5%	4	Nil	24.835	9.3	2.6	70.45
29094100	2,2-Oxydiethanol (diethylene glycol, digol)	25%	5.5	Nil	575.12	8.34	17.46	46.34
29093090	Other aromatic ethers & their hal./sul./nit./nits. derivs	20%	5.5	Nil	138.55	6.46	4.7	170.01
29094400	Othr monoalkylethers of ethylene glycol or diethylene glycol, nes	5%	5.5	Nil	42.181	20.709	4.7	14.92

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
29109000	epoxides/epoxyalcohols/epoxyphenols /epoxyetherswith a three-membered ringand their halogenated/sulphonated/nitrated/nitrosated derivatives	10%	5.5	Nil	38.11	4.39	3.22	18.58
29122990	Other cyclic aldehydes, without other oxygen function, nes	5%	5.5	Nil	30.82	5.156	14.05	32.95
29142990	Cyclanic/cyclenic/cycloterpentic ketones, no other oxygen function, nes	10%	5.5	Nil	75.23	6.49	32.73	115.82
29157090	Palmitic acid&salts, esters; stearic acid salts&esters	20%	7	Nil	27.14	2.02	1.04	33.92
29161400	Esters of methacrylic acid	25%	6.5	Nil	409.58	8.70	9.38	12.57
29161290	Other esters of acrylic acid	20%	6.5	Nil	62.31	6.73	7.75	13.27
29173990	Armtc polycarboxylic acids,anhydride/halide/peroxide/xyacid,derivs,nes	20%	6.5	Nil	158.94	11.62	1.26	86.58
29214990	Aromatic monoamines&their derivatives, nes; salts thereof	20%	6.5	Nil	96.12	67.08	3.46	43.98
29239000	Other quaternary ammonium salts and hydroxides	10%	6.5	Nil	47.98	13.71	1.1	37.92
29242990	Cyclic amides&derivatives;salts thereof, nes	25%	6.5	Nil	740.24	2.98	6.23	178.17
29251900	Imides&their derivatives; salts thereof (excl. saccharin)	5%	6.5	Nil	6.986	2.119	1.53	27.44

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
29322090	Lactones, nes	20%	6.5	Nil	71.67	4.59	2.41	73.52
29339900	Heterocyclic compounds with nitrogen hetero-atom(s) only, nes	25%	6.5	Nil	1695.30	14.78	19.91	773.42
29335990	Compounds with a pyrimidine or piperazine ring, nes	25%	6.5	6.5	269.09	8.05	13.37	321.64
29333990	Compounds with an unfused pyridine ring in the structure, nes	5%	6.5	Nil	785.19	465.679	24.9	363.96
29419090	Other antibiotics, nes	5%	4	6	259.837	96.11	21.75	462.14
32021000	Synthetic organic tanning substances	25%	6.5	Nil	108.51	2.57	12.35	34.14
32041990	Othr synthetic organic colouring matters & prep., nes	20%	6.5	6.5	54.86	4.25	1.35	30.99
32050000	Colour lakes; preparations as specified in Note 3 to this Chapter based on colour lakes.	5%	6.5	Nil	17.534	4.22	4.69	48.39
33012400	Essential oils of peppermint	5%	20	Nil	13.447	11.536	3.35	69.38
33021090	Mixtures of odoriferous substances for food or drink industries, nes	5%	15	Nil	205.246	62.94	1.38	20.66
33074900	Preparations for deodorizing rooms, nes	20%	10	Nil	89.73	27.33	1.69	22.63
38089290	Fungicides, not in retail packagings	20%	9	Nil	265.74	16.35	14.1	576.94
38112100	Additives for lubricating oils with petroleum oils	5%	6.5	Nil	1000.484	271.817	6.41	44.01

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38121000	Prepared rubber accelerators	20%	6.5	Nil	78.61	7.48	1.17	26.24
38151100	Supported catalysts with nickel or its compounds	5%	10	Nil	254.472	93.926	5.29	65.72
38180090	Chemical elements disk/wafer & compounds, doped for electronics, nes	20%	0	Nil	295.73	21.79	2.5	3.14
38231900	Industrial monocarboxylic fatty acids; acid oils from refining, nes	25%	16	Nil	320.32	1.02	9.23	140.57
39046100	Polytetrafluoroethylene, in primary forms	5%	6.5	Nil	79.239	18.439	4.54	109.58
39076910	Slices/chips of poly(ethylene terephthalate), viscosity number 78 ml/g	10%	6.5	Nil	374.97	42.27	1.79	5.3
39095000	Polyurethanes, in primary forms	20%	6.5	6.5	793.54	78.70	3.07	62.67
39173100	Flexible tubes, pipes & hoses, with a burst pressure 27.6MPa	10%	10	10	112.60	19.28	1.7	29.56
39202090	Plates/sheets/film/foil/strip, of polymers of propylene, non-cellular, nes	20%	6.5	Nil	446.51	34.40	1.7	97.88
40021990	Other styrene-butadiene/carboxylated styrene-butadiene rubber, nes	20%	7.5	7.5	541.16	40.25	3.36	30.05

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40030000	Reclaimed rubber in primary forms or in plates, sheets or strip.	20%	4	Nil	71.74	1.07	28.04	87.41
40092100	Tubes & pipes & hoses of vulcanized rubber, reinforced with metal, no fittings	10%	10	Nil	94.25	11.18	6.41	61.92
40169910	Other articles of vulcanized rubber for machines/instruments, nes	20%	18	8	285.33	24.52	1.26	8.86
40169990	Other articles of vulcanized rubber, nes	10%	8	10	587.59	95.69	2.62	168.72
48043100	Unbleached craft paper/paperboard, weighing 150g/m2	20%	5	Nil	152.08	9.97	18.97	51.51
48044900	Kraft paper/paperboard, 150g/m2 weighing 225g/m2, nes	20%	5	Nil	8.43	1.06	2.73	3.31
48043900	Kraft uncoated paper/paperboard (excl. unbleached), weighing 150g/m2	5%	2	Nil	140.254	15.762	9.92	20.36
48045100	Unbleached/uncoated craft paper/paperboard, weighing 225g/m2	5%	2	Nil	52.782	21.767	6.37	17.64
48041100	Unbleached craft liner, uncoated, in rolls or sheets	5%	7.5	Nil	705.351	399.426	6.1	26.27
48044100	Unbleached/uncoated craft paper/paperboard, 150g/m2 weighing 225g/m2	5%	2	Nil	105.621	56.04	4.69	5.72
48059300	Other uncoated paper/paperboard, weighing 225g/m2, nes	20%	7.5	Nil	31.78	4.01	3.49	7.14

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55032000	Synthetic staple fibres, of polyesters, not carded, etc	25%	5	5	272.10	10.03	1.02	321.7
60063200	Other knitted/crocheted fabrics of dyed synthetic fibres, nes	25%	10	10	369.24	1.87	1.46	11.5
61091000	T-shirts, singlets & other vests, of cotton, knitted or crocheted	25%	14	14	600.95	12.70	11.83	1787
61099090	T-shirts, singlets, etc, of other textiles, nes, knitted/crocheted	25%	14	14	232.94	1.34	1.15	518.92
61102000	Jerseys, pullovers, etc, of cotton, knitted or crocheted	25%	14	14	460.36	5.42	2.06	171.66
62033200	Men's or boys' jackets & blazers of cotton	25%	16	16	45.51	3.06	1.11	32.37
62046200	Women's or girls' trousers, breeches, etc, of cotton	25%	16	16	254.17	8.87	1.84	200.42
62052000	Men's or boys' shirts of cotton	25%	16	16	218.05	3.75	8.99	789.67
68138900	Friction material & article thereof, unmounted, without asbestos	10%	10	Nil	47.98	14.12	1.37	7.96
68159990	Articles of stone or of other mineral substances nes	20%	17.5	Nil	31.04	5.21	1.67	123.41
69101000	Ceramic sinks, wash basins & sim sanitary fixturs of porcelain/china	25%	21	10	96.67	1.30	1.51	109.18
70200019	Other articles of glass, for technical uses	10%	10.5	10.5	198.58	25.91	1.92	24.68
73063090	Other circular profile tubes, welded, iron/non-alloy steel,10mmD406.4mm	25%	3	Nil	174.70	8.11	6.96	258.15

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73102990	Cans, i/s, capacity 50 litres	10%	17.5	Nil	11.87	2.13	3.94	47.42
73182100	Washers, spring/lock, i/s	20%	5	Nil	64.50	6.74	1.5	11.52
73261910	Forged/stamped articles of i/s, nfw, nes, for technical use	10%	10.5	Nil	269.78	35.28	4.15	219.75
76169990	Other Al articles nes, not for technical use	10%	10	15	205.24	39.63	2.41	340.46
82079090	Interchangeable tools, nes, with working part of other materials	20%	8	8	72.79	7.86	1.41	41.08
83071000	Tubing, flexible, with/without fittings of is	10%	8	Nil	73.99	18.48	2.74	52.1
84068200	Other steam & vapour turbines, output 40MW	10%	6	5	12.69	3.46	1.77	82.12
84089010	Engines, diesel for locomotives	5%	25	6	17.668	15.553	57	97.8
84122990	Hydraulic power engines, nes	10%	10	Nil	188.91	47.42	2.92	35.7
84133030	Lubricating oil pumps, for internal combustion engines	20%	3	Nil	76.46	5.69	1.69	39.87
84133090	Fuel/lubricating/cooling medium pumps for internal combustion engines, nes	20%	3	3	284.60	5.98	1.21	26.2
84137010	Centrifugal pumps of rotational speed 10000r/min	5%	10	8	25.537	2.448	1.34	100.47
84148030	Supercharger for motor	25%	7	7	391.45	15.00	6.55	149.52



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84149090	Parts of of machines of other subheadings of 84.14, nes	20%	12	7	1142.19	127.70	13.2	277.31
84149011	Intake valve leaf of Nos. 84143011-84143014, 84143090	20%	7	8	12.87	1.14	1.58	24.62
84199090	Parts of other machinery, plant & equip of heading 84.19	20%	0	Nil	482.50	52.05	4.46	96.36
84198990	Other machinery, plant & equip for treat of mat. by a chg of temp, nes	20%	0	Nil	957.24	79.47	1.59	52.84
84209900	Parts of calendaring rolling machines, excl for metals glass	20%	8	Nil	32.63	3.13	1.22	12.36
84213990	Other dust collectors, nes	10%	5	5	840.99	140.42	3.48	94.17
84295900	Self-propelled excavating machinery nes	20%	8	Nil	2.52	1.66	1.11	231.75
84313100	Parts of lifts, skip hoist or escalators	20%	6	Nil	129.75	6.49	1.04	14.49
84481900	Auxiliary machy nes for machins of 84.44,84.45,84.46,84.47	25%	8	Nil	27.21	1.06	1.51	7.18
84571020	Horizontal machining centres	25%	9.7	9.7	1236.75	3.84	1.67	12.27
84571010	Vertical machining centres	25%	0	9.7	1722.42	75.86	1.66	4.18
84581100	Horizontal lathes numerically controlled	25%	5	Nil	509.86	15.65	1.8	8.36
84609090	Mach-tools for finishing metals with polishing prod, nes	25%	15	Nil	26.10	3.16	2.99	5.89

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84713090	Other portable data processing machines, weight 10kg	25%	0	Nil	1277.19	1.73	2.99	18.76
84733010	Parts/accessory of 8471.1000/4110/4120/4910/4920/5010/5020/6090/7019	25%	0	Nil	3241.73	49.88	4.59	14.28
84734090	Other parts/accessories of machines of heading 84.72, nes	25%	6	Nil	184.22	1.78	2.24	148.3
84749000	Parts of machinery of heading No. 84.74	20%	5	Nil	116.02	14.59	16.34	236.02
84798999	Other machines and mechanical appliances having individual functions, nes	20%	0	Nil	6936.10	594.06	5.4	215.7
84799090	Parts of other machines/appliances of heading 84.79, nes	20%	0	Nil	1150.14	106.62	1.87	116.53
84807900	Moulds for rubber plastics, nes	20%	0	5	125.02	10.85	1.37	55.41
84819090	Parts of taps, cocks/similar appliances	20%	8	Nil	168.98	17.18	19.61	418.34
84818090	Taps, cocks & similar appliances, nes	10%	7	Nil	249.08	38.65	4.55	99.74
84811000	Valves, pressure reducing	10%	5	Nil	458.61	80.27	3.12	53.04
84813000	Valves, check	10%	5	Nil	441.26	82.16	1.38	20.26
84829900	Bearing parts, nes	20%	8	Nil	396.27	24.52	12.27	191.7
84828000	Bearings, ball or roller, nes	20%	8	8	121.95	13.91	2.72	28.26
84839000	Parts of appliances of heading No. 84.83	20%	8	Nil	2125.51	266.65	2.94	169.4

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84833000	Bearing housings, not incorp ball/roller bearing; plain shaft bearing	20%	6	Nil	458.90	56.03	2.73	90.31
84879000	Machinery parts, non-electrical, nes	20%	6	Nil	1069.05	57.30	3.06	179.82
85030090	Parts of other machines of heading No. 85.01 or 85.02	25%	3	8	745.46	29.97	4.12	228.4
85044030	Inverter	25%	8.3	Nil	233.53	21.48	153.97	195.11
85049090	Parts of ballasts, static converters and other inductors	25%	6.7	6.7	784.02	35.95	7.57	83.77
85076000	Lithium-ion electric accumulators	25%	12	12	3883.05	78.40	1.12	6.74
85122010	Lighting equipment of a kind used for motor vehicles	5%	10.5	Nil	1414.377	25.739	1.14	90.69
85158090	Welding machines;electric machines for hot spraying metals	20%	8	8	496.55	22.90	1.41	8.84
85177090	Other Parts of apparatus of heading 85.17	25%	1.5	Nil	5578.70	221.59	24.15	172.82
85177010	Parts of digital program-controlled telephonic/telegraphic switching app.	25%	0	Nil	41.02	1.54	2.99	60.88
85176990	Other equipment for transmission voice/data in a wired network	10%	7.5	Nil	44.58	7.14	8.51	56.4
85299090	Parts for use with apparatus of 85.25 to 85.28, nes	25%	0	Nil	1502.29	14.19	6.46	86.06

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85321000	Fixed capacitors for use in 50/60 Hz circuits (power capacitors)	25%	0	Nil	54.85	1.64	2.33	38.4
85364900	Elect relays for a voltage exceed 60 V but not exceeding 1,000 volts	25%	10	Nil	323.13	14.73	4	54.99
85363000	Elect app for protecting electric circuits, for a voltage 1,000V, nes	25%	9	Nil	658.99	7.95	1.57	11.94
85369090	Electronic apparatus for making connections, Voltage 1000V	20%	0	Nil	1211.51	103.31	7.77	222.56
85389000	Parts for switches, fuses, panels and etc, nes	25%	5.8	Nil	4405.66	306.70	14.52	479.16
85416000	Mounted piezo-electric crystals	25%	0	Nil	3351.73	198.18	1.2	15.16
86072100	Air brakes & parts for railway rolling stock	25%	3	Nil	185.55	17.67	1.63	4.11
88039000	Parts of balloons, dirigibles, gliders & spacecraft nes	5%	1	Nil	7.645	1.437	1.58	138.87
90139010	Parts & accessories of appliances of 9013.1000 or 9013.2000	10%	5	Nil	426.79	75.86	1.61	1.85
90181990	Electro-diagnostic apparatus, nes	5%	3.3	3.3	166.623	48.782	1.31	100.44
90223000	X-ray tubes	5%	5	Nil	481.574	133.453	25.41	122.45
90269000	Parts and accessories of instruments/appliances of 90.26	10%	0	Nil	622.23	107.08	1.11	36.64

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90292090	Speed indicators not for vehicles, tachometers; stroboscopes	20%	10	Nil	83.54	10.63	5.37	22.05
90319000	Parts & accessories of instruments/appl/machines of 90.31	10%	5	Nil	1545.55	235.26	2.21	59.23
90330000	Parts and accessories (not specified or included elsewhere in this Chapter) for machines, appliances, instruments or apparatus of Chapter 90.	20%	5	Nil	104.46	16.66	2.16	82.47

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20041000	Prprd/prsrvd potatoes, not by vinegar, frozen	10%	25	Nil	202.31	101.35	1.91	18.89
21061000	Protein concentrates&textured protein substances	10%	19	Nil	25.03	7.90	2.48	29.41
25161100	Granite, crude or roughly trimmed	25%	3	4	945.10	7.08	363.25	442.47
25309099	Other mineral substances, nes	25%	3	3	1414.05	2.45	1.35	11.58
26030000	Copper ores and concentrates.	25%	0	Nil	32727.69	474.28	101.77	115.86
28013020	Bromine	25%	5.5	Nil	173.05	6.53	16.28	16.51

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28012000	Iodine	25%	5.5	Nil	111.43	1.40	1.26	5.43
28111990	Other inorganic acids, nes	20%	5.5	Nil	113.45	5.60	10.61	14.47
28273990	Chlorides, nes	5%	5.5	5.5	17.113	3.385	1.85	20.79
28332990	Other sulphates, nes	10%	5.5	Nil	31.62	4.77	2.74	39.39
28364000	Potassium carbonates	5%	5.5	Nil	3.542	1.232	1.13	1.84
28421000	Double or complex silicates	20%	5.5	Nil	90.97	2.12	3.91	10.67
29024300	p-Xylene	25%	2	Nil	16942.44	79.87	1290.75	2543.45
29024100	o-Xylene	25%	2	Nil	224.30	6.03	115.9	215.46
29029090	Other cyclic hydrocarbons, nes	20%	2	Nil	138.86	14.86	2.72	44.43
29039990	Halogenated derivatives of aromatic hydrocarbons, nes	5%	5.5	Nil	115.124	27	8.25	35.67
29051690	Octanol&isomers thereof,excl. n-octanol	25%	5.5	Nil	212.68	2.22	1.45	2.09
29051990	Saturated monohydric alcohols, nes	20%	5.5	Nil	287.25	15.29	1.47	31.38
29053990	Other diols, nes	10%	4	Nil	385.81	83.32	5.79	35.61
29051410	Isobutyl alcohol	10%	5.5	Nil	42.37	12.26	2.78	11.44
29061990	Cyclanic, cyclenic or cycloterpenic alcohols&derivatives, nes	20%	5.5	Nil	16.31	1.84	1.46	25.64

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29071990	Other monophenols, nes	10%	4	Nil	103.88	17.69	2.9	14.3
29072990	Other polyphenols, nes; phenol-alcohols	5%	4	Nil	24.835	9.3	2.6	70.45
29094100	2,2-Oxydiethanol (diethylene glycol, digol)	25%	5.5	Nil	575.12	8.34	17.46	46.34
29093090	Other aromatic ethers&their hal./sul./nit./nits. derivs	20%	5.5	Nil	138.55	6.46	4.7	170.01
29094400	Othr monoalkylethers of ethylene glycol or diethylene glycol, nes	5%	5.5	Nil	42.181	20.709	4.7	14.92
29109000	Other epoxides/epoxyalcohols/epoxyphenols /epoxyethers with a three-membered ring and their halogenated/sulphonated/nitrated/nitrosated derivatives	10%	5.5	Nil	38.11	4.39	3.22	18.58
29122990	Other cyclic aldehydes, without other oxygen function, nes	5%	5.5	Nil	30.82	5.156	14.05	32.95
29142990	Cyclanic/cyclenic/cycloterpenic ketones, no other oxygen function, nes	10%	5.5	Nil	75.23	6.49	32.73	115.82

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29157090	Palmitic acid&salts, esters; stearic acid salts&esters	20%	7	Nil	27.14	2.02	1.04	33.92
29161400	Esters of methacrylic acid	25%	6.5	Nil	409.58	8.70	9.38	12.57
29161290	Other esters of acrylic acid	20%	6.5	Nil	62.31	6.73	7.75	13.27
29173990	Armtc polycarboxylic acids,anhydride/hal ide/pero- xide/xyacid,derivs	20%	6.5	Nil	158.94	11.62	1.26	86.58
29214990	Aromatic monoamines&their derivatives, nes; salts thereof	20%	6.5	Nil	96.12	67.08	3.46	43.98
29239000	Other quaternary ammonium salts and hydroxides	10%	6.5	Nil	47.98	13.71	1.1	37.92
29242990	Cyclic amides & derivatives; salts thereof, nes	25%	6.5	Nil	740.24	2.98	6.23	178.17
29251900	Imides & their derivatives; salts thereof (excl. saccharin)	5%	6.5	Nil	6.986	2.119	1.53	27.44
29322090	Lactones, nes	20%	6.5	Nil	71.67	4.59	2.41	73.52
29339900	Heterocyclic compounds with nitrogen hetero- atom (s) only, nes	25%	6.5	Nil	1695.30	14.78	19.91	773.42
29335990	Compounds with a pyrimidine or piperazine ring, nes	25%	6.5	6.5	269.09	8.05	13.37	321.64
29333990	Compounds with an unfused pyridine ring in the structure,nes	5%	6.5	Nil	785.19	465.679	24.9	363.96



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29419090	Other antibiotics, nes	5%	4	6	259.837	96.11	21.75	462.14
32021000	Synthetic organic tanning substances	25%	6.5	Nil	108.51	2.57	12.35	34.14
32041990	Othr synthetic organic colouring matters & prep.,	20%	6.5	6.5	54.86	4.25	1.35	30.99
32050000	Colour lakes; preparations as specified in Note 3 to this Chapter based on colour lakes.	5%	6.5	Nil	17.534	4.22	4.69	48.39
33012400	Essential oils of peppermint	5%	20	Nil	13.447	11.536	3.35	69.38
33021090	Mixtures of odoriferous substanscs for food or drink industries,	5%	15	Nil	205.246	62.94	1.38	20.66
33074900	Preparations for deodorizing rooms, nes	20%	10	Nil	89.73	27.33	1.69	22.63
38089290	Fungicides, not in retail packagings	20%	9	Nil	265.74	16.35	14.1	576.94
38112100	Additives for lubricating oils with petroleum oils	5%	6.5	Nil	1000.484	271.817	6.41	44.01
38121000	Prepared rubber accelerators	20%	6.5	Nil	78.61	7.48	1.17	26.24
38151100	Supported catalysts with nickel or its compounds	5%	10	Nil	254.472	93.926	5.29	65.72
38180090	Chemical elements disk/wafer&compounds, doped for lectronics, nes	20%	0	Nil	295.73	21.79	2.5	3.14
38231900	Industrial monocarboxylic	25%	16	Nil	320.32	1.02	9.23	140.57

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
	fatty acids; acid oils from refining, nes							
39046100	Polytetrafluoroethylene, in primary forms	5%	6.5	Nil	79.239	18.439	4.54	109.58
39076910	Slices/chips of poly(ethylene terephthalate), viscosity number ≥ 78 ml/g	10%	6.5	Nil	374.97	42.27	1.79	5.3
39095000	Polyurethanes, in primary forms	20%	6.5	6.5	793.54	78.70	3.07	62.67
39173100	Flexible tubes, pipes & hoses, with a burst pressure ≥ 27.6 MPa	10%	10	10	112.60	19.28	1.7	29.56
39202090	Plates/sheets/film/foil/strip, of polymers of propylene, non-cellular, nes	20%	6.5	Nil	446.51	34.40	1.7	97.88
40021990	Other styrene-butadiene/carboxylated styrene-butadiene rubber, nes	20%	7.5	7.5	541.16	40.25	3.36	30.05
40030000	Reclaimed rubber in primary forms or in plates, sheets or strip.	20%	4	Nil	71.74	1.07	28.04	87.41
40092100	Tubes & pipes & hoses of vulcanized rubber, reinforced with metal, no fittings	10%	10	Nil	94.25	11.18	6.41	61.92
40169910	Other articles of vulcanized rubber for machines/instruments, nes	20%	18	8	285.33	24.52	1.26	8.86

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
40169990	Other articles of vulcanized rubber, nes	10%	8	10	587.59	95.69	2.62	168.72
48043100	Unbleached kraft paper/paperboard, weighing $\geq$ 150g/m <sup>2</sup>	20%	5	Nil	152.08	9.97	18.97	51.51
48044900	Kraft paper/paperboard, 150g/m <sup>2</sup> $\leq$ weighing $\leq$ 225g/m <sup>2</sup> , nes	20%	5	Nil	8.43	1.06	2.73	3.31
48043900	Kraft uncoated paper/paperboard (excl. unbleached), weighing $\geq$ 150g/m <sup>2</sup>	5%	2	Nil	140.254	15.762	9.92	20.36
48045100	Unbleached/uncoated kraft paper/paperboard, weighing $\geq$ 225g/m <sup>2</sup>	5%	2	Nil	52.782	21.767	6.37	17.64
48041100	Unbleached kraftliner, uncoated, in rolls or sheets	5%	7.5	Nil	705.351	399.426	6.1	26.27
48044100	Unbleached/uncoated kraft paper/paperboard, 150g/m <sup>2</sup> $\leq$ weighing $\leq$ 225g/m <sup>2</sup>	5%	2	Nil	105.621	56.04	4.69	5.72
48059300	Other uncoated paper/paperboard, weighing $\geq$ 225g/m <sup>2</sup> , nes	20%	7.5	Nil	31.78	4.01	3.49	7.14

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
55032000	Synthetic staple fibres, of polyesters, not carded, etc	25%	5	5	272.10	10.03	1.02	321.7
60063200	Other knitted/crocheted fabrics of dyed synthetic fibres, nes	25%	10	10	369.24	1.87	1.46	11.5
61091000	T-shirts, singlets & other vests, of cotton, knitted or crocheted	25%	14	14	600.95	12.70	11.83	1787
61099090	T-shirts, singlets, etc, of other textiles, nes, knitted/crocheted	25%	14	14	232.94	1.34	1.15	518.92
61102000	Jerseys, pullovers, etc, of cotton, knitted or crocheted	25%	14	14	460.36	5.42	2.06	171.66
62033200	Men's or boys' jackets & blazers of cotton	25%	16	16	45.51	3.06	1.11	32.37
62046200	Women's or girls' trousers, breeches, etc, of cotton	25%	16	16	254.17	8.87	1.84	200.42
62052000	Men's or boys' shirts of cotton	25%	16	16	218.05	3.75	8.99	789.67
68138900	Friction material & article thereof, unmounted, without asbestos	10%	10	Nil	47.98	14.12	1.37	7.96
68159990	Articles of stone or of other mineral substances nes	20%	17.5	Nil	31.04	5.21	1.67	123.41
69101000	Ceramic sinks, wash basins & sim sanitary fixturs of porcelain/china	25%	21	10	96.67	1.30	1.51	109.18

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
70200019	Other articles of glass, for technical uses	10%	10.5	10.5	198.58	25.91	1.92	24.68
73063090	Other circular profile tubes, welded, iron/non-alloy steel, 10mm $\leq$ D $\leq$ 406.4mm	25%	3	Nil	174.70	8.11	6.96	258.15
73102990	Cans, i/s, capacity $\leq$ 50 litres	10%	17.5	Nil	11.87	2.13	3.94	47.42
73182100	Washers, spring/lock, i/s	20%	5	Nil	64.50	6.74	1.5	11.52
73261910	Forged/stamped articles of i/s, nfw, nes, for technical use	10%	10.5	Nil	269.78	35.28	4.15	219.75
76169990	Other Al articles nes, not for technical use	10%	10	15	205.24	39.63	2.41	340.46
82079090	Interchangeable tools, nes, with working part of other materials	20%	8	8	72.79	7.86	1.41	41.08
83071000	Tubing, flexible, with/without fittings of i/s	10%	8	Nil	73.99	18.48	2.74	52.1
84068200	Other steam & vapour turbines, output $\leq$ 40MW	10%	6	5	12.69	3.46	1.77	82.12
84089010	Engines, diesel for locomotives	5%	25	6	17.668	15.553	57	97.8
84122990	Hydraulic power engines, nes	10%	10	Nil	188.91	47.42	2.92	35.7
84133030	Lubricating oil pumps, for internal comb piston engines	20%	3	Nil	76.46	5.69	1.69	39.87

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
84133090	Fuel/lubricating/cooling medium pumps for int comb piston engines, nes	20%	3	3	284.60	5.98	1.21	26.2
84137010	Centrifugal pumps of rotational speed $\geq$ 10000r/min	5%	10	8	25.537	2.448	1.34	100.47
84148030	Supercharger for motor	25%	7	7	391.45	15.00	6.55	149.52
84149090	Parts of of machines of other subheadings of 84.14, nes	20%	12	7	1142.19	127.70	13.2	277.31
84149011	Intake valve leaf of Nos. 84143011-84143014, 84143090	20%	7	8	12.87	1.14	1.58	24.62
84199090	Parts of other machinery, plant & equip of heading 84.19	20%	0	Nil	482.50	52.05	4.46	96.36
84198990	Other machinery, plant & equip for treat of mat. by a chg of temp, nes	20%	0	Nil	957.24	79.47	1.59	52.84
84209900	Parts of calendering $\geq$ rolling machines, excl for metals $\geq$ glass	20%	8	Nil	32.63	3.13	1.22	12.36
84213990	Other dust collectors, nes	10%	5	5	840.99	140.42	3.48	94.17
84295900	Self-propelled excavating machinery nes	20%	8	Nil	2.52	1.66	1.11	231.75
84313100	Parts of lifts, skip hoist or escalators	20%	6	Nil	129.75	6.49	1.04	14.49
84481900	Auxiliary machines for machines of 84.44,84.45,84.46, 84.47	25%	8	Nil	27.21	1.06	1.51	7.18

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
84571020	Horizontal machining centres	25%	9.7	9.7	1236.75	3.84	1.67	12.27
84571010	Vertical machining centres	25%	0	9.7	1722.42	75.86	1.66	4.18
84581100	Horizontal lathes numerically controlled	25%	5	Nil	509.86	15.65	1.8	8.36
84609090	Mach-tools for finishing metals with polishing products	25%	15	Nil	26.10	3.16	2.99	5.89
84713090	Other portable data processing machines, weight $\geq$ 10kg	25%	0	Nil	1277.19	1.73	2.99	18.76
84733010	Parts/accessory of 8471.1000/4110/4120/4910/4920/5010/5020/6090/7019	25%	0	Nil	3241.73	49.88	4.59	14.28
84734090	Other parts/accessories of machines of heading 84.72, nes	25%	6	Nil	184.22	1.78	2.24	148.3
84749000	Parts of machinery of heading No. 84.74	20%	5	Nil	116.02	14.59	16.34	236.02
84798999	Other machines and mechanical appliances having individual functions, nes	20%	0	Nil	6936.10	594.06	5.4	215.7
84799090	Parts of other machines/appliances of heading 84.79, nes	20%	0	Nil	1150.14	106.62	1.87	116.53
84807900	Moulds for rubber $\neq$ plastics, nes	20%	0	5	125.02	10.85	1.37	55.41

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
84819090	Parts of taps, cocks similar appliances	20%	8	Nil	168.98	17.18	19.61	418.34
84818090	Taps, cocks & similar appliances, nes	10%	7	Nil	249.08	38.65	4.55	99.74
84811000	Valves, pressure reducing	10%	5	Nil	458.61	80.27	3.12	53.04
84813000	Valves, check	10%	5	Nil	441.26	82.16	1.38	20.26
84829900	Bearing parts, nes	20%	8	Nil	396.27	24.52	12.27	191.7
84828000	Bearings, ball or roller, nes	20%	8	8	121.95	13.91	2.72	28.26
84839000	Parts of appliances of heading No. 84.83	20%	8	Nil	2125.51	266.65	2.94	169.4
84833000	Bearing housings, not incorporating ball/roller bearing; plain shaft bearing	20%	6	Nil	458.90	56.03	2.73	90.31
84879000	Machinery parts, non-electrical, nes	20%	6	Nil	1069.05	57.30	3.06	179.82
85030090	Parts of other machines of heading No. 85.01 or 85.02	25%	3	8	745.46	29.97	4.12	228.4
85044030	Inverter	25%	8.3	Nil	233.53	21.48	153.97	195.11
85049090	Parts of ballasts, static converters and other inductors	25%	6.7	6.7	784.02	35.95	7.57	83.77
85076000	Lithium-ion electric accumulators	25%	12	12	3883.05	78.40	1.12	6.74
85122010	Lighting equipment of a kind used for motor vehicles	5%	10.5	Nil	1414.377	25.739	1.14	90.69
85158090	Welding machines, nes; electric machines for hot spraying metals	20%	8	8	496.55	22.90	1.41	8.84



HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
85177090	Other Parts of apparatus of heading 85.17	25%	1.5	Nil	5578.70	221.59	24.15	172.82
85177010	Parts of digital program-controlled telephonic/telegraphic switching app.	25%	0	Nil	41.02	1.54	2.99	60.88
85176990	Other equipment for transmission voice/data in a wired network	10%	7.5	Nil	44.58	7.14	8.51	56.4
85299090	Parts for use with apparatus of 85.25 to 85.28, nes	25%	0	Nil	1502.29	14.19	6.46	86.06
85321000	Fixed capacitors for use in 50/60 Hz circuits (power capacitors)	25%	0	Nil	54.85	1.64	2.33	38.4
85364900	Elect relays for a voltage exceed 60 V but not exceeding 1,000 volts	25%	10	Nil	323.13	14.73	4	54.99
85363000	Elect app for protecting electric circuits, for a voltage $\geq$ 1,000V, nes	25%	9	Nil	658.99	7.95	1.57	11.94
85369090	Electronic appratus for making connections, Voltage $\geq$ 1000V	20%	0	Nil	1211.51	103.31	7.77	222.56
85389000	Parts for switches, fuses, panels and etc, nes	25%	5.8	Nil	4405.66	306.70	14.52	479.16

HS codes	Description	Additional Retaliatory Tariffs by China on US	MFN rates of China in %	Margin of Preference (%) on MFN rates available under APTA	China's imports from world in USD million	China's imports from US in USD million	India's export to China in USD million	India's export to World in USD million
85416000	Mounted piezo-electric crystals	25%	0	Nil	3351.73	198.18	1.2	15.16
86072100	Air brakes & parts for railway rolling stock	25%	3	Nil	185.55	17.67	1.63	4.11
88039000	Parts of balloons, dirigibles, gliders & spacecraft nes	5%	1	Nil	7.645	1.437	1.58	138.87
90139010	Parts & accessories of appliances of 9013.1000 or 9013.2000	10%	5	Nil	426.79	75.86	1.61	1.85
90181990	Electro-diagnostic apparatus, nes	5%	3.3	3.3	166.623	48.782	1.31	100.44
90223000	X-ray tubes	5%	5	Nil	481.574	133.453	25.41	122.45
90269000	Parts and accessories of instruments/appliances of 90.26	10%	0	Nil	622.23	107.08	1.11	36.64
90292090	Speed indicators not for vehicles, tachometers; stroboscopes	20%	10	Nil	83.54	10.63	5.37	22.05
90319000	Parts & accessories of instruments/appl/machines of 90.31	10%	5	Nil	1545.55	235.26	2.21	59.23
90330000	Parts and accessories for machines, appliances, instruments or apparatus of Chapter 90.	20%	5	Nil	104.46	16.66	2.16	82.47





## Opportunities for India in the US Market on account of USA's latest retaliatory tariffs on Chinese Products

The U.S. administration to prevent what it claims are unfair trade practices and theft of intellectual property by China, has decided to unilaterally impose prohibitive tariffs and other penalties on its major trading partner as it perceived China to be unfairly harming U.S. business interests. These tariffs provide a window of opportunity for enhancing India's exports to USA. The purpose of this analysis is to identify such lines.

In this context, a commodity-wise analysis has been carried out on each of the above set of lines on which retaliatory tariffs have been levied by USA against the China bringing out the volume of exports to US from the China, the world and India, India's present status of exports to the world in these lines. Summarized position bringing out the number of lines which have potential for increasing exports to USA from India, based on the size of exports from China and India's capacity and availability of market access for these lines, are being shared with the major industry associations and line ministries.

The specific lines in which India can potentially expand exports to USA immediately based on its strengths and available market access in USA and also those in which concerted efforts need to be made to acquire market access and/or to increase exportable surplus are also being shared with the line Ministries/Departments giving product wise details at HS 8-digit level.

### Summary Matrix of the Analysis:

 <b>USA's imports from the China</b>	<p>652 lines are such in which USA's imports from China are greater than US\$ 16 Bn (Over US\$ 1 million in each line) whereas India's export in these lines is very low. India has limited strength in these lines hence cannot capitalize on the market vacated by China in USA                  In these 652 lines:                  USA's imports from China = US\$ 16.4 Bn                  India's exports to World = US\$ 192 Mn                  India's exports to USA = US\$ 22 Mn</p> <p style="text-align: center;"><b>Line of USD 1 mn</b></p>	<p>531 lines are such in which USA's imports from China &amp; India exports to the world are significant. <b>Out of these, 203 lines are such in which India has the potential to replace the Chinese exports to USA as it has market access and is a competitor of China in the US Market.</b>  <b>Lines to be acted upon</b>                  In these 531 lines:                  USA's imports from China = US\$ 30.6 Bn                  India's exports to World = US\$ 22.2 Bn  <b>India's exports to USA= US\$ 2.4 Bn</b></p>
	<p>2739 lines are such in USA's imports from China are negligible (US\$ 442 Mn only i.e. &lt;=1 US\$ Mn in each line) and India's exports to World are only of cosmetic value since USA did not import substantially under these lines from China                  In these 2739 lines                  USA's imports from China =US\$ 442 Mn                  India's export to World = US\$ 96 Mn                  India's exports to USA = US\$ 5.5 Mn</p>	<p>344 lines are such in which India's exports to world are substantial but USA's imports from China very low i.e. only US\$ 60 Mn (&lt;=1 US\$ million in each line). So no market space has been vacated by China in USA.                  In these 344 lines:                  USA's imports from China = US\$ 60 Mn                  India's exports to World = US\$ 18 Bn                  India's exports to USA = US\$ 474 Mn</p>
 <b>India's exports to the World</b>		

However, due to lack of concordance at HS 8-digit level, 1468 such lines have been analysed at HS 6-digit level to explore the option of export to USA with minor adjustments and modifications.

## KEY

	Green lines with huge displacement of Chinese goods as India is a strong supplier.
	Red lines in which USA's imports from China & India's export to the world are less than & equal to 1 USD Mn in each line. Hence, are only of cosmetic value.
	Peach lines in which USA's imports from China are less than & equal to 1 USD Mn in each line while India's export to the world are substantial.
	White lines in which USA's import from China are more than USD 1 Mn in each line but India is not a substantial exporter.

### Analysis of the first list of tariffs on 5734 lines by USA

- 3083 lines out of these 5734 lines, the raised tariffs would not have any impact on China exports as USA's imports from China under these lines are negligible (less than or equal to USD 1 million in each line). These lines are, therefore, only of **cosmetic value**. Thus, this would not result in substantial opportunities for other country's exporters to fill in as the traded volumes was very low. This small gap is likely to be filled in by domestic production in USA.
- In the balance 2660 lines **USA's imports from China are substantial** (more than USD 1 million in each line) and the retaliatory tariffs will impact China's exports to USA and vacate some space in the USA market thus providing an opportunity to other countries to displace the Chinese exports. These 2660 lines have been further examined for India's relative strength in exports based on exports data from Trade Map and DGCIS.
  - The analysis reveals that out of these 2660 lines, there are **203 lines in particular in which India has an outright advantage to displace China's exports to USA as India is a strong exporter in these lines and has market access in USA**. The top five lines are 84818030 *INDUSTRIAL VALVES*, 40117000 *VULCANISED RUBBER*, 85451100 *Carbon or graphite electrodes*, 39232100 *Sacks & bags of polymers of ethylene*, 04090000 *Natural honey*
  - In another 328 lines for which USA's imports from China are substantial (more than USD 1 million in each line), though India is an exporter to other countries, it's present exports to USA are negligible at present, due to lack of market access. For these lines, market access with USA would be vigorously pursued using the assistance of our Embassy in USA. Further, in 652 of these lines there is limited scope for India's exports to USA as India is not a major exporter of these products and thus cannot capitalize on the space vacated by the Chinese products in USA.
  - In 1468 lines, due to lack of concordance at HS 8-digit level, these lines have been analyzed at HS 6-digit level to explore the option of export to USA with minor adjustments and modifications.

The following table depicts the HS chapter wise broad categories of the product lines on which USA has imposed tariffs on Chinese goods:

HS Chapters	Description	No of tariff lines
02	Meat and edible meat offal.	7
03	Fish and crustaceans, mollusks	264
04	Dairy produce; birds' eggs; natural honey	20
05	Products of animal origin	14
07	Edible vegetables	143
08	Edible fruit and nuts.	90
10	Buckwheat, and other cereals	22
11	Malt; starches; inulin; wheat gluten.	38
12	Oil seeds and olea, straw and fodder	48
14	Vegetable plaiting materials;	8
15	Animal or vegetable fats and oils	8
16	Preparations of meat, of fish or of crustaceans, molluscs	90
17	Sugars and sugar confectionery.	5
19	Preparations of cereals, flour, starch or milk; pastry products.	6
20	Preparations of vegetables, fruit,	140
21	Miscellaneous edible preparations.	3
22	Beverages, spirits and vinegar.	20
23	Residues and waste from the food industries; prepared animal fodder.	21
24	Tobacco and manufactured tobacco substitutes	46
25	Salt; sulphur; earths and stone; lime and cement.	65
26	Ores, slag and ash.	33
27	Mineral fuels, mineral oils and products of their distillation;	59
28	Inorganic chemicals	231
29	Organic chemicals	692
31	Fertilisers.	24
32	Tanning or dyeing extracts, dyes and pigmentsetc	102
33	Essential oils and resinoids; perfumery, cosmetic or toilet	25
34	Soap, washing preparations, lubricating preparationsetc	33
35	Albuminoidal substances; modified starches; glues; etc	10
36	Explosives; matches; and combustible preparations.	1
37	Photographic goods.	37
38	Miscellaneous chemical products.	142
39	Plastic and articles thereof.	53
40	Rubber and articles thereof.	124
41	Raw hides and skins (other than furskins) and leather	85
42	Articles of leather	86
43	Furskins and artificial fur,	15
44	Wood and articles of wood	180
45	Cork and articles of cork.	19
46	Manufactures of straw, of esparto or of other plaiting materials	48
47	Pulp of wood or of other fibrous cellulosic material	21
48	Paper and paperboard; articles of paper pulp	222

HS Chapters	Description	No of tariff lines
50	Silk	13
51	Wool, fine or coarse animal hair	101
52	Cotton.	230
53	Other vegetable textile fibres; paper yarn and woven fabrics	30
54	Man-made filaments.	129
55	Man-made staple fibres.	130
56	Wadding, felt and nonwovens; yarns; etc	55
57	Carpets and other textile floor coverings.	48
58	Special woven fabrics	68
59	Impregnated, coated, covered or laminated textile fabrics	58
60	Knitted or crocheted fabrics.	55
65	Headgear and parts thereof.	26
67	Prepared feathers and down and articles made of feathers and the likes	2
68	Articles of stone, plaster, cement, asbestos, mica	65
69	Ceramic products.	50
70	Glass and glassware.	110
71	Natural or cultured pearls, precious or semiprecious stone	48
72	Iron and steel	38
73	Articles of iron or steel	134
74	Copper and articles thereof.	87
75	Nickel and articles thereof.	28
76	Aluminium and articles thereof.	21
78	Lead and articles thereof.	9
79	Zinc and articles thereof.	7
80	Tin and articles thereof.	2
81	Other base metals; articles	37
82	Tools implements, cutlery, etc. parts thereof of base metal.	94
83	Miscellaneous articles of base metal.	36
84	Boilers, machinery and mechanical appliances; parts thereof.	196
85	Electrical machinery and equipment	212
86	Railway or tramway locomotives,	1
87	Vehicles	125
88	Aircraft, spacecraft, and parts	1
89	Ships, boats and floating structures.	8
90	Optical, photographic cinematographic apparatus	71
91	Clocks and watches and parts	17
94	Furniture; bedding, mattresses,	68
96	Miscellaneous manufactured articles.	24
<b>Grand Total</b>		<b>5734</b>

**Table 9: Summary of Analysis of Lines for which USA has Increased Tariffs on China**

Key	Category	Subject to tariff
	Lines in which USA's imports from China are less than and equal to 1 USD million in each line hence are only of cosmetic value	3083 (USA's imports from China=USD 501 mn)

Key	Category	Subject to tariff
	Lines in which USA's imports from China are more than 1 USD million in each line and India exports these products to the world. However, India does not possibly have market access presently in the USA market as India's exports to USA are negligible.	328 lines (USA's imports from China=USD 15.1 bn India's exports to World= USD 9 bn, India's export to USA= USD 65 mn)
	Lines in which USA's imports from China are more than 1 USD million in each line and India exports to the world are substantial, and India also exports to USA presently (has market access).	203 lines (USA's imports from China =USD 15.5 bn, India's exports to World= USD 13.2 bn India's exports to USA=USD 2.4 bn)
	Lines in which USA's imports from China are more than 1 USD million but India has limited strength hence cannot capitalize on the market vacated by China	652 lines (USA's imports from China= USD 16.4 bn)
	HS concordance at 8 digit not there but at 6 digit level the lines have a potential (with some modifications/alterations)	1468 lines

**Source: DGCIS & Trade Map**



HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
84818030	INDUSTRIAL VALVES(EXCL PRESSURE-REDUCING VALVES,AND THRMSTCLY CONTRLLD VALVES)	295.8	160.2	607.6
40117000	VULCANISED RUBBER OF A KIND USED ON AGRICULTURAL OR FORESTRY VEHICLES AND MACHINES	2.6	131.2	694.6
85451100	Carbon or graphite electrodes, for furnaces	222.6	99.6	1065.3
39232100	Sacks&bags of polymers of ethylene	874.8	80.7	165.2
04090000	Natural honey	8.1	78.8	102.4
73259910	Cast articles of i/s, nes, for technical use	18.0	68.6	253.9
12019000	OTHER SOYA BEANS	5.3	58.5	115.4
55032000	Synthetic staple fibres, of polyesters, not carded, etc	168.6	55.6	321.7
57023110	CARPETS	5.5	55.3	125.5
74199930	Woven cloth of copper wire (including endless bands)	1.0	54.6	227.7
42022190	OTHER LEATHER HAND BAGS.	385.7	51.6	230.5
73251000	OTHR ARTICLES OF NON-MALLEABLE CAST IRON	63.3	47.2	149.1
38021000	ACTIVATED CARBON	16.3	47.2	185.6
85114000	STRTR MTRS AND DUAL PURPOSE STRTR GNRTRS	197.9	39.2	136.3
42033000	BELTS AND BANDOLIERS	199.9	37.9	99.4
73181900	Threaded articles of i/s, nes	94.8	37.9	100.3
29061100	Menthol	12.4	37.0	358.5
11010000	Wheat or meslin flour.	1.8	36.2	100.6
29053100	Ethylene glycol (ethanediol)	1.2	33.7	305.4
29183090	OTHER CRBXYLC ACIDS WITH A LDHYD/KETONE FN BUT WITHOUT OTHET OXYGEN FN. ETC.	18.5	32.4	120.5
68029300	OTHER GRANITE	104.4	29.9	92.0
84099199	Parts for other spark-ignition type engines, nes	779.0	27.9	93.3
85340000	Printed circuits.	534.4	23.8	126.7
84129090	Parts of engines/motors of heading 84.12 (excl 8412.1010)	395.2	23.6	58.4

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
84148090	Other air pumps/ventilation /recycling hood with fan	208.9	23.0	78.4
73084000	Equipment for scaffolding, shuttering, propping/pit-propping, i/s	173.8	22.8	210.4
40169100	Floor coverings&mats of vulcanized rubber, non-cellular	25.9	22.6	74.9
57029210	CARPETS,CARPETING AND RUGS	1.0	22.5	29.1
29072990	Other polyphenols, nes; phenol-alcohols	10.1	20.2	70.5
68138100	Brake linings & pads, without asbestos	14.8	19.7	48.6
40093100	Tubes&pipes&hoses of vulcanized rbbbr, reinforced with txtls, no fittings	38.0	19.3	40.7
57024110	CRPTS OF WOOL/FINE ANML HAIR	9.6	18.7	22.0
56031200	MAN-MADE FILMNT WGHNG>25G /SQM	81.9	18.7	64.6
40101290	(CNVYR BLT/BLTNG)RENFRCD WTH TXTL MTRLS WHERE RUBR COMPD CONTENT MORE THAN 25% BY WEIGHT	65.7	18.1	77.4
73079910	GALVANISED	11.8	18.1	27.9
73259100	Balls, grinding & similar articles of i/s, cast for mills	1.5	18.1	226.8
29039130	P - DICHLOROBENZENE (PARADICHLOROBENZENE)	6.2	18.0	41.9
73079110	GALVANISED	9.5	16.9	21.5
84798970	CHMCL PLANT AND OTHR MCHNRY FR MNFCTRNG CHMCLS,PHRMCTCLS,ETC	1.1	16.8	115.4
29153990	OTHER ESTERS OF ACETIC ACID	15.4	16.5	81.7
27075000	Other aromatic hydrocarbon mixtures	1.3	15.6	84.8
73239990	OTHER HOUSEHOLD UTENSILS AND ITS PARTS N.E.S	635.5	15.5	45.9
20081910	Walnut meats, in airtight containers	1.4	15.2	19.4
10063090	Other semi or wholly milled rice	8.7	15.0	1202.8
29147990	OTHER	1.0	14.7	62.7

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
83012000	LOCKS OF A KIND USED FOR MOTOR VEHICLES	45.4	14.3	49.9
40112010	RADIALS TYRES USED ON BUSES/LORRIES	1165.9	13.8	175.8
68029900	OTHER STONE	52.4	13.4	19.3
73023000	Switch blades/crossng frogs/point rods/oth crossng pieces,iron/stl	9.9	13.1	21.7
33074100	Agarbatti&other odiferous prep. which operate by burning	6.7	12.6	105.3
38151900	Supported catalyts, nes	68.1	11.7	37.3
84818090	Taps, cocks & similar appliances, nes	1143.5	11.6	99.7
56031300	MAN-MADE FILMNT WGHNG BETWN 70G/SQM AND 150G/SQM	66.7	11.4	21.5
94012000	SEATS OF A KIND USED FOR MOTOR VEHICLES	62.0	11.2	36.5
57024210	CARPETS,CARPETING AND RUGS	19.0	11.1	15.2
29062100	Benzyl alcohol	12.7	11.1	44.8
38151100	Supported catalyts with nickel or its compounds	2.3	11.1	65.7
73079290	NON-GALVANISED	65.9	10.8	15.6
29331990	Compounds containing an unfused pyrazole ring in the structure,nes	57.9	10.6	140.4
83024190	OTHR MOUNTINGS FITTINGS AND SMLR ARTCLS SUITABLE FOR BUILDINGS N.E.S.	59.6	10.6	30.2
40092100	Tubes&pipes&hoses of vulcanized rbbr, reinforced with metal, no fittings	30.5	10.4	61.9
56031100	MAN-MADE FILMNT WGHNG<25G/SQM	15.2	10.2	20.2
38089320	2:4 DICHLOROPHENOXY ACTC ACD AND ITS ESTERS	4.2	10.0	59.9
84212300	Oil&petrol-filters for internal combustion engines	113.2	10.0	65.0
40030000	Reclaimed rubber in primary forms or in plates, sheets or strip.	13.5	9.9	87.4
29214290	OTHER AMINO SULPHONIC ANILINE ETC NES	5.3	9.6	87.1

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
54026200	Multiple or cabled yarn of polyesters, not for retail sale	2.6	9.3	134.6
32042010	OPTICAL WHITENING AGENTS	1.4	9.1	88.9
29181990	Carboxylic acids with alcohol function, derivatives, nes	39.6	8.7	26.2
29051990	Saturated monohydric alcohols, nes	11.5	8.6	31.4
55092200	Multiple or cabled yarn, staple fibres of nylon/other polyamides ≥85%	1.9	8.5	74.6
38247800	Mixtures containing PFCs or HFCs, not CFCs or HCFCs	28.5	7.7	26.3
82071300	Rock drilling/earth boring tools with working part of cermets	7.7	7.6	53.7
83021090	HINGES OF OTHER BASE METAL INCL ALUMINIUM	24.5	7.5	19.2
25140000	Slate, whether or not roughly trimmed or merely cut, by sawing or otherwise, into blocks or ...	2.1	7.4	18.3
23091000	DOG OR CAT FOOD PUT UP FOR RETAIL SALE	145.2	7.2	38.2
73182200	Washers, i/s, nes	105.8	7.1	40.9
20079910	Jams & marmalades & jellies/puree/pastes can, not of citrus frt,	13.6	6.9	127.5
57024910	CRPTS ETC (NT DURRIES OF COTTON)	2.5	6.9	18.5
33074900	Preparations for deodorizing rooms, nes	96.6	6.7	22.6
29332990	OTHER COMPNDS CNTNG AN UNFUSED IMIDAZOLE RING (W/N HYDRGNTD ) IN STRUCTURE	16.1	6.7	146.8
29171300	AZELAIC ACID,SEBACIC ACID THR SLTS AND ESTRS	35.5	6.6	28.5
48201020	LETTER PADS	177.4	6.6	8.5
82055910	GREASE GUNS(EXCLD COMPRSD AIR TYPE)	7.3	6.4	14.4
28273990	Chlorides, nes	2.7	6.3	20.8
84254900	OTHER JACKS AND HOISTS, FOR RAISING VEHICLES	208.1	6.3	11.7
42022910	HNBGS OF OTHR MTRLS EXCL WKRWRK/BSKT WRK	2.7	6.2	29.7

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
40093200	Tubes & pipes& hoses of vulcanized rbb, reinforced with txtls, no fittings	20.9	6.2	16.8
29053990	Other diols, nes	5.8	6.2	35.6
48203000	Binders (other than book covers), folders & file covers	56.0	5.9	7.6
59100090	OTHERS	2.7	5.5	7.7
87169010	PARTS AND ACCESSORIES OF TRAILERS	13.8	5.4	27.7
38119000	oxidation inhibitors&otr additives, nes, for mineral oils/same purpose oils	2.9	5.4	45.0
73072900	Fittings pipe/tube of stainless steel, nes	89.6	5.4	28.2
03075200	Frozen octopus	17.9	5.3	57.9
82057000	Vices, clamps & the like	73.8	5.0	24.7
84213100	Intake air filters for internal combustion engines	69.9	4.8	20.8
29021900	OTHER CYCLANES,CYCLENES AND CYCLOTERPENES	12.0	4.7	18.0
12099160	TOMATO SEEDS	10.0	4.6	25.1
55169200	Dyed woven fabrics, artificial staple fibres, nes	1.4	4.6	19.6
28261990	Fluorides, nes	8.3	4.5	11.3
32049000	OTHR SYNTHETIC ORGANIC COLORNG MATTER	1.9	4.4	19.3
38243000	Non-agglomeratd metal carbides mixd together or with metllic binders	45.7	4.4	13.9
82055920	METAL WORKING HND TOOLS	6.8	4.3	7.3
83030000	Armoured or reinforced safes, strongboxes and doors and safe deposit lockers for strongrooms, ...	187.4	4.2	13.5
40091100	Tubes&pipes&hoses of vulcanized rbb, not reinforced, without fittings	12.6	4.1	16.7
73269060	MANUFACTRS OF STNLES STL(EXCL UTNSILS),NES	1.1	4.0	16.6
48202000	Exercise-books	4.1	4.0	56.7

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
55092100	Single yarn, staple fibres of nylon/other polyamides $\geq$ 85%	1.9	3.9	52.4
57032010	CARPETS,CARPETING AND RUGS	1.1	3.9	6.1
29124910	Aldehyde-alcohols	3.6	3.9	35.6
60063100	Other knitted/crocheted fabrics of unbleached/bleached synthetic fibres	36.4	3.8	9.4
84133090	Fuel/lubricatg/coolng medium pumps for int comb piston engines, nes	130.2	3.8	26.2
58109290	OTHER EMBROIDERY OF MANMADE FIBRE	8.5	3.8	53.2
56079090	Twine, cordage, ropes & cables, nes	11.5	3.7	23.7
68042210	Grinding wheels of other agglomerated abrasives or of ceramics	36.3	3.7	18.5
65050090	HATS AND OTHER HEADGEARS ETC. EXCL. HAIR-NETS	9.4	3.7	16.5
54077200	Dyed woven fabrics, other synthetic filaments $\geq$ 85%	10.4	3.5	101.9
82055930	HAND TOOLS FOR SPECIFIED USES, SUCH AS,WATCH MAKNG TOOLS,GOLDSMITH TOOLS	5.2	3.5	7.4
32151990	OTHR PRTNG INK AND PRINTRS COLRS	1.9	3.4	80.6
39231090	BOX CASE CRATE AND SMLR ARTCLS OF PLSTCS NES	317.0	3.4	43.1
73151100	ROLLER CHAIN	53.8	3.3	21.7
73121010	WIRE ROPES,BLACK	6.5	3.3	18.3
85016100	AC generators (alternators), of an output $\geq$ 75 KVA	82.9	3.2	19.1
70181020	BEADS IMTN PRLS IMTN PRCS AND SEMI PRCS STNS	3.1	3.2	23.0
55093200	Multiple or cabled yarn, acrylic/modacrylic staple fibres $\geq$ 85%	1.2	3.1	26.8
57033020	100% POLYPROPYLENE CARPET MATS WITH JUTE, RUBBER, LATEX OR P.U. FOAM BAKING	29.6	3.0	11.8

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
07133110	BEANS OF THE SPP VIGNA MUNGO (L.) HEPPER	4.9	3.0	5.9
70179010	OTHR GRAGUATD/CALBRATD LABORATORY GLASWARE	12.9	2.9	10.6
82152000	Tableware sets not containing articles plated with precious metal	196.6	2.8	4.4
29153910	BENZYL ACETATE	2.3	2.8	8.7
73079390	NON GALVANISED	6.8	2.7	9.7
29071510	2-Naphthols	1.2	2.7	4.3
29029090	Other cyclic hydrocarbons, nes	7.3	2.7	44.4
29252990	OTHER IMINES AND THEIR DERIVTVS, SALTS THEREOF	41.7	2.6	85.4
29181400	Citric acid	2.5	2.6	3.3
40081110	PLTS,SHTS STRP OF MICRO-CELLULAR RUBR	2.8	2.6	7.1
29122910	Lilial (p-tert-butyl-a-methyl-oxocinnamaldehyde)	1.4	2.6	9.4
68041000	Millstones & grindstones for milling, grinding or pulping	2.0	2.5	5.7
55111000	Yarn of synthetic staple fibres $\geq$ 85%, put up for retail sale	6.4	2.4	13.7
29122100	Benzaldehyde	14.9	2.4	12.7
29214590	OTHR 1-NPTHYLAMN 2-NPTHYLAMN AND THEIR DRVTVS AND SLTS THREOF	5.1	2.4	23.8
22030000	Beer made from malt.	6.0	2.4	42.1
58081090	BRAIDS, IN PCS OTHER THAN OF COTTON	1.3	2.3	6.8
42023990	OTHERS	9.3	2.2	4.7
32061900	Pigments&prep. based on titanium dioxide, nes	2.5	2.2	52.5
32041740	PIGMENT VIOLETS	19.8	2.1	56.9
28259090	Othr inorg bases, metal oxides, hydroxides or peroxides, nes	3.1	2.1	9.1
39173300	Tubes, pipes&hoses, not reinforced, with fittings attached, nes	38.3	2.1	2.6
94041000	Mattress supports	293.7	2.0	5.6
40169960	RUBBER BUSH	205.5	2.0	5.9
29251100	Saccharin&its salts	7.1	2.0	4.8

HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
29224910	AMINO ACETIC ACID (GLYCINE)	7.4	1.9	2.3
48194000	Sacks/bags, including cones of paper, paperboard, nes	385.9	1.9	8.9
84141000	Vacuum pumps	102.3	1.9	14.8
20081990	OTHER NUTS AND SEEDS NES	21.6	1.8	6.8
42032920	OTHER GLOVES	1.3	1.8	16.5
52094200	Denim, cotton 85%, wt. 200g/m2	9.8	1.8	252.1
71051000	DUST AND POWDER OF DIAMONDS	25.4	1.7	4.0
85122020	AUTOMOBILE LIGHTING EQPMNT	463.0	1.7	32.9
29142910	Camphor	7.3	1.7	5.5
85472000	Insulating fittings of plastics for electrical machines	32.1	1.6	13.9
54026100	OTHR YARN OF NYLON OR OTHER POLYMDS MULTIPLE(FOLDED)OR CABLED	1.3	1.6	8.2
58109100	Cotton embroidery, in the piece, in strips or in motifs	3.6	1.6	55.1
55169300	Coloured woven fabrics, artificial staple fibres, nes	1.9	1.6	3.2
84716090	Other input or output units, nes	280.6	1.6	7.1
33049910	CREAMS FACE (EXCL TURMARIC)	1.2	1.6	40.6
83063000	Photograph, picture, similar frames & mirrors of base metal	52.3	1.6	3.8
68022110	Monumental/building stone of marble, cut/sawn flat or even	2.4	1.6	5.1
82013000	Mattocks, picks, hoes & rakes	20.1	1.6	10.2
42022990	OTHERS	7.2	1.5	10.8
90118000	Microscopes, optical, nes	25.7	1.5	7.2
58041090	Tulles & other net fabrics of other textile materials, nes	3.5	1.5	14.3
40092200	Tubes&pipes&hoses of vulcanized rbb, reinforced with metal, with fittings	23.9	1.4	6.3
73121020	WIRE ROPES,GALVANISED	9.0	1.4	44.4
14049090	Vegetable products, nes	10.7	1.4	15.7
20081920	Other prepared/preserved nuts/seeds, in airtight containers	5.3	1.4	9.7
29212100	ETHYLENEDIAMINE AND ITS SALTS	1.7	1.3	2.7
84431600	Flexographic printing machinery	2.6	1.3	9.4



HS Codes	Description	USA imports from China in USD million	India's exports to USA in USD million	India's exports to World in USD million
83022000	Castors of base metal	66.5	1.3	1.7
85115000	OTHER STATER-GENERATORS	118.2	1.3	75.2
72039000	Spongy ferrous products/iron having a minimum purity by wt. of 99.94%	1.3	1.3	5.3
94053000	Lighting sets of a kind used for Christmas trees	484.3	1.3	3.5
28352500	CALCIUM HYDROGENORTHOPHOSPHATE (DICALCIUM PHOSPHATE)	16.0	1.2	5.4
29153920	BORNYL ACETATE AND ISOBORNYL ACETATE	2.4	1.2	3.6
28332100	Sulphates of magnesium	4.3	1.2	13.9
42021240	SATCHELS OF TEXTILE MATERIALS.	14.6	1.2	1.8
73141410	WIRE GAUZE(WIRE CLOTH,WIRE MESH)	23.5	1.2	2.3
82051000	Drilling, threading&tapping tools	3.5	1.2	3.3
48193000	Sacks & bags, having a base of a width $\geq$ 40cm of paper, paperboard	6.1	1.1	3.1
76169910	Other Al articles nes, for technical use	161.9	1.1	6.7
28191000	Chromium trioxide	4.9	1.1	4.5
07032000	GARLIC FRESH OR CHILLED	64.7	1.1	4.4
42023910	JEWELLERY BOX	2.1	1.1	2.5
58101000	Embroidery without visible ground	3.4	1.1	55.9
84254200	OTHER JACKS AND HOISTS, HYDRAULIC	339.4	1.1	12.1
85312000	Indicator panels incorporating LCD or light emitting diodes	154.4	1.1	6.4
21061000	Protein concentrates & textured protein substances	115.8	1.1	29.4
84798920	Air humidifiers or dehumidifiers	208.0	1.1	11.4
84133010	INJECTION PUMPS FOR DIESEL ENGINES	26.1	1.1	80.0
90019090	Unmounted optical elements, nes	195.1	1.1	5.4
84717020	Floppy disk drivers	33.7	1.0	18.9
28311010	Dithionites of sodium	3.4	1.0	17.9