



Precision Engineering, Ongoing Consistency



In technical collaboration with
 **KUREHA ELASTOMER** CO., LTD. JAPAN

The journey so far...

- MSB in technical collaboration with Kureha Elastomer Co Ltd., a leading Japanese manufacturer of Cots and Aprons, brings the finest quality Cots and Aprons to the textile industry
- Kureha Elastomer is a pioneer in the manufacturing of Cots and Aprons since 1950's
- Adopting the expertise of Kureha Elastomer, we, MSB have adopted state of the art technology, imported machinery and quality raw material at our manufacturing unit at Navi Mumbai, India
- We have direct presence in India's key textile centric markets such as Tamil Nadu, Gujarat, Punjab etc., while our overseas offices include Dubai (UAE), Istanbul (Turkey) and Dhaka (Bangladesh)

MSB Kureha - High Quality, Precision Engineering, Ongoing Consistency

- The selection of raw materials, mixing and treatment process used in the manufacturing of the Cots and Aprons is as per stringent Kureha standards and specifications
- The highly modernized manufacturing process, coupled with stringent in-house testing and inspection procedures ensures that we deliver world class products consistently
- The state of art Research and Development facility along with our experienced and dynamic team ensures that innovations and improvements is a ongoing process
- All are products are tested for numerous parameters like inside diameter, thickness, width, tensile strength, elongation, abrasion, visual inspection etc.
- Our qualified and experienced sales team ensure excellent technical support and world class after sales service
- Our high quality Cots and Aprons ensure the finest yarns making MSB Kureha an ideal and reliable partner

Type, Uses & Features

Yarn Type	
C	Cotton
PC	Polyester Cotton
PV	Polyester Viscose
P	100% Polyester
W	Wool
A	Acrylic
TX	Texturing
HS	Hosiery
WR	Warp
HT	High Twist
CRS	Coarse Count
FC	Fine Count
LY	Lycra

Working Performance	
AB	Abrasion resistance
LP	Lap resistance
OZ	Ozone resistance
YQ	Yarn Quality
GR	Long grinding cycle
H	Heat resistance
OL	Oil resistance

Machine	
DF	Draw Frame
CB	Comber
SF	Roving Frame
RF	Ring Frame
OE	Open End
CMP	Compact Spinning
AT	Air Texturizing

Type of Use	
T	Top Apron
B	Bottom Apron
Fr	Front Roller
Bk	Back Roller

Inner layer	
B	Blue - Soft
G	Grey - Med
Y	Yellow - Hard
GR	Green - Med TA-R
PR	Parrot - Soft TA-R



Spinning & Roving Aprons

Grade	Colour	Yarn Type	Features	Details	Product
TA-58	Grey	C P/C	AB SF RF T B	Is an excellent compound well known for its overall properties combining both Flexibility along with abrasion resistance. It is well known around the world for producing yarns with high elongation owing to its flexibility. It is well suited for Cotton, Polyester Cotton.	
TA-47	Green	P/V P	AB H SF RF T B	Fine count polyester & Polyester Viscose it has excellent abrasion resistance and heat resistance properties.	
TA-24	Black	P/V P	AB H SF RF B	Coarse count polyester & Polyester Viscose has excellent abrasion resistance and heat resistance properties.	
TA-26	Rust	P/V P	AB H SF RF T	Coarse count polyester	
7545	Reddish Grey	W A	AB LP SF RF T B	Is a traditional compound to produce long staple fibers such as Wool and Acrylic. It has excellent abrasion resistance and Stability.	
TA-70	Dark Grey	OE, TFO		Cordless apron for open end + TFO Machine	
TA-R	Grey	C P/C P/V	AB SF RF T B	This apron is developed combining the best properties of both TA Series and R Series Apron. This is developed as a universal and cost effective apron covering all applications of yarn.	

R-Series Apron

R-40	Light Grey	C FC	OZ YQ H RF T B	Apron to process Cotton & Superfine Cotton. It has Excellent surface finish to handle the finest yarns and Tremendous resistance to ozone.	
R-60	Blue	C PC CRS LY	AB CMP RF T B	It is the Apron used to process Compact Yarns. It is developed keeping in mind extreme abrasion needs compact yarns have on the Apron. It again has a polymer to withstand this abrasion and keep yarn stability to outperform any competitive apron in this segment.	

Air Jet Spinning Apron

JET B	Black	C PC	MVS MJS TB	For Cotton & PC	
JET G	Whitish Grey	P CRS	MVS MJS TB RF	For Polyester	

Cots for Cotton Spinning Application

Grade/ Shore A Hardness	Colour	Yarn Type	Features	Details	Product
R1406-63	Red	CFC	YQ RF FR	Front roller for 100% Cotton, (High Yarn quality).	
R1406-64	Yellow	C WR HT FC	AB LP YQ GR RF FR CMP	Is an excellent non treatment Soft cot with good lap resistance and capacity to produce excellent yarn quality. It has the maximum resilience and excellent resistance to grooving.	
R1406-68	Orange	C WR HT CRS	AB LP GR RF CMP FR		
R1406-70	Orange	C WR HT CRS	AB LP GR RF CMP FR		
R062-75	Light Pink	C	RF BR	Soft type back roller for 100% cotton	
R062-83	Light Pink	C W A	AB LP GR H OL DF SF RF	Is our standard type for this application and can provide excellent yarn quality along with heat stability and long life. Also has excellent resistance to lapping and very long life. It is used as a back roller for Cotton. It is also suitable for Acrylic and wool.	
R062-85			OE BR		

Cots for Synthetic Spinning Application

R900-72	Dark Grey/ Blue	PC	AB LP GR H OL RF FR BR	<i>It is our standard type for 100% polyester and polyester viscose applications, it has excellent heat stability. Also has excellent resistance to lapping and very long life. It is used as a Front/back roller for 100% Polyester and sometimes P/V with minimal tendency to lapping.</i>	
R900-75	Dark Grey	PC PV	AB LP GR H OL RF FR BR SF		
R900-80	Green	PC PV P	AB LP GR H OL RF FR BR SF		
R900-85	Dark Grey	PV P	AB LP GR H OL RF FR BR SF		
R900-90	Dark Grey	P	AB LP GR H OL RF FR BR SF		
R184-85	Rust	PC PV P	AB LP GR H OL RF FR BR SF	It is used for better yarn quality and has more resilience compared to R900 series	
R184-90	Rust	PV P			
RY 85	Yellow	PC PV P	AB LP GR H OL RF FR BR	It is our unique range of glueless series of cots and provides excellent yarn handling results is especially suitable for use in dry conditions and can provide long grinding cycles.	
RY 90	Yellow	PV P			

Preparetory Cots

Grade	Colour	Yarn Type	Features	Details	Product
R241-65	Light Grey	C	LP DF CB	Is a soft compound well used all over the world for this application and has reasonable abrasion resistance and excellent anti lapping properties.	
R062-75	Grey	C PC	LP DF	It is a soft compound for better your quality.	
R062-80	Grey	C PC			
R062-83	Light Pink	C PC P	AB LP GR H OL DF	It is our standard compound for Draw Frame application.	

Texturising Cots

P 65	Pink	P	AB OL TX	Is a good compound exhibiting resistance against Oil and heat.	
P 70	Green	P	AB OL GR TX	Is a harder compound for increased abrasion resistance.	
N 65	Black	P	AB OL TX	Is a black colored cot and provides excellent protection against lapping and is especially good in oily conditions. It also has good abrasion.	
N 75	Black	P	AB OL TX		
N 80	Black	P	AB OL TX		

Texturising Aprons

Hydrocarbon Brown		P DW ATX	AB H GR OL TX	Hydrocarbon aprons are developed keeping in mind the need for a long life DTY spinning apron. Its Hydrocarbon polymer is the best raw material for heat and oil resistance. This apron is especially suitable for extreme conditions and has a rough gripping surface for power saving and stable yarn handling.	
TEX-80	Orange	P	AB H TX	It is the harder upper material for High speed texturing, when there is a desire to have an apron with a longer life there is recommendation for this material.	



World-Wide quality....for you

Mangal Singh Bros. Pvt. Ltd.

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