

PRODUCTS & SPECIFICATIONS

FOR TYRE INDUSTRY

Since 1985



ABOUT US

Established in 1985, we are a manufacturer & exporter of rubber moulded goods & extruded sections. We specialize in manufacturing articles from all kinds of rubbers such as Natural, Nitrile, Neoprene, Hypalon, EPDM, Silicon, Vi-ton, FKM, FFKM, PU etc. with specialised formulas as per the applications.

We provide the best quality with competitive prices worldwide, through advanced technology and a cost-effective manufacturing process.

Our technical expertise backed by the state-of-the-art manufacturing facility gives us the upper edge to fulfil the market requirement.

We are a trusted and reliable manufacturer and supplier for Small, Medium & Large scale companies with their custom requirements.



Mr. Idris H Shabhai
Founder and CEO



Mr. Sakib I Shabhai
Managing Director

Why choose us ?

We have an expert team apt to meet your customised requirements & we design the rubber compounds as per product applications.



TIMELY DELIVERY



EXPERIENCED TEAM



BEST QUALITY

ASSURED QUALITY



BEST PRICE



"Precisely Shaping Elastomers since 1985."

Contents

02

SHAPING HEAD SLEEVES

D-Type For PCR TBR
(Conti. Type Machine)

02

SHAPING HEAD SLEEVES

B-Type For PCR TBR
(Conti. Type Machine)

03

BEAD CLAMP RING/BLADDER

For PCR VMI Make Machines

03

WIDER BEAD CLAMP RING/BLADDER

For PCR VMI Make Machines

03

NARROW BEAD CLAMP RING/BLADDER

For PCR VMI Make Machines

04

CARCASS DRUM SLEEVE

(Two Layer) For PCR TBM
(Conti. M/C)

04

COLLAR BLADDER SLEEVES

For Truck TBM (Conti. Machines)

05

COLLAR BLADDER /RING

For Truck TBM (Conti Machines)

05

BEAD CLAMP/BLADDERLESS SLEEVE

For Truck TBM (VMI Machines)

06

TOP-ROLLERS/ PRESSURE ROLLERS

With Fabric Layer On Top

06

TOP-ROLLERS/ PRESSURE ROLLERS

With Silicon Slotted Bushes

07

RETRACTING RING (RUBBER BANDS)

07

CARCASS RING (RUBBER BANDS)

08

STITCHER TOOLS

08

PAD FOR BALE LIFTING M/c (BANBURY department)

08

SEAL KITS & ROTARY SEALS

09

O RING

For Curing Departments & Maintenance Department

09

OUR OTHER PRODUCTS



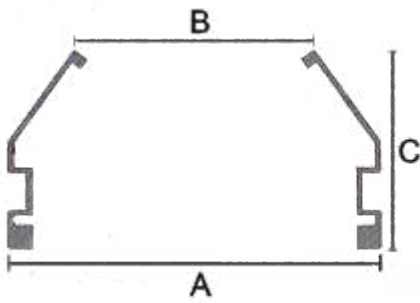
SHAPING

HEAD SLEEVE

- (D - TYPE) For PCR Tyres (Conti. M/C)

Benefits:

- Excellent mechanical properties
- Premium Grade Silicone material
- High Performance
- Longer Life cycle and cost-effective
- Perfect fitment



SIZE	A	B	C
12"	260	200	120
13"	280	195	134
14"	300	220	130
15"	335	245	140

A , B and C are in mm.

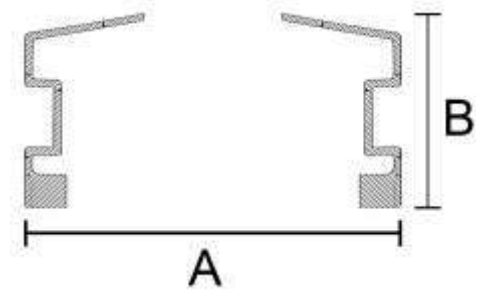
SHAPING

HEAD SLEEVE

- (B TYPE) For PCR Tyres (Conti. M/C)

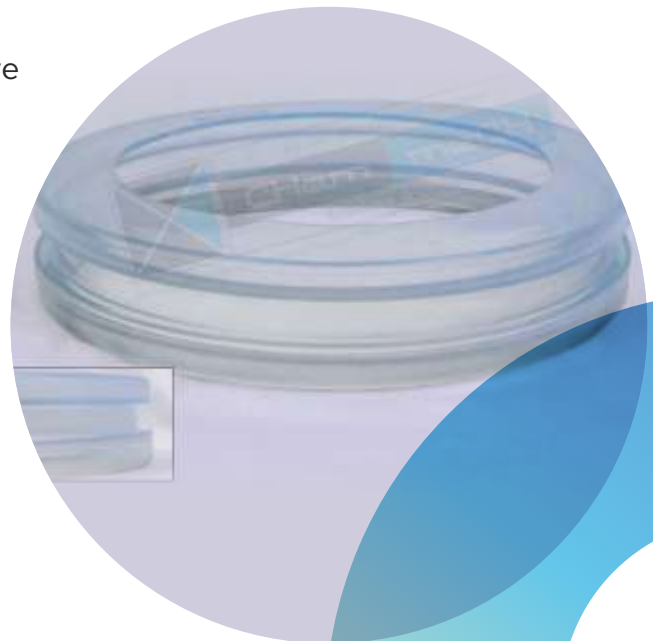
Benefits:

- Excellent mechanical properties
- Premium Grade Silicone material
- High Performance
- Longer Life cycle and cost-effective
- Perfect fitment



SIZE	A	B
14"	310	70
15"	330	70
16"	335	70
17"	385	70

A & B are in mm.



BEAD CLAMP RING/BLADDER

For PCR VMI Make Machines

TYPES OF BEAD CLAMP

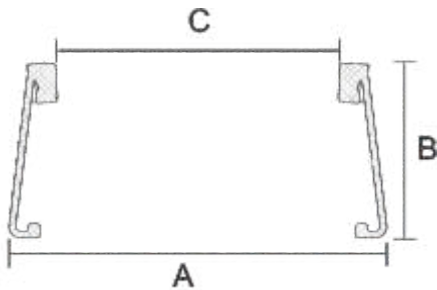
RINGS/BLADDERS:

- Wider Bead Clamps Rings/bladder
- Narrow Bead Clamp Rings/ Bladders
- Easy and Super elastic to install.
- Premium Grade Silicon material.
- High Performance.
- Longer Life cycle
- Cost-effective.
- Perfect fitment.
- Good Aesthetic look.
- Very High Shelf Life.



WIDER BEAD CLAMP RING / BLADDER

For PCR VMI Make Machines

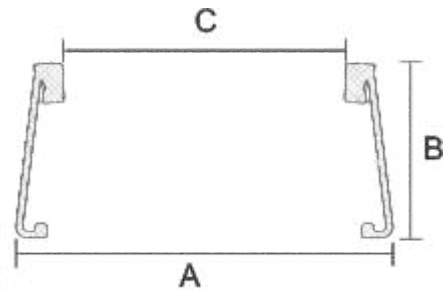


SIZE	A	B	C
16"	358	108	305
17"	390	108	332
18"	406	108	353
19"	429	108	368
20"	454	108	388

A, B and C are in mm.

NARROW BEAD CLAMP RING / BLADDER

For PCR Vmi Make Machines



SIZE	A	B
13"	284	104
14"	308	104
15"	334	104
16"	358	104
17"	390	104
18"	406	104
19"	429	104
20"	454	104

A, B and C are in mm.



CARCASS DRUM SLEEVE (TWO LAYER)

For PCR TBM (Conti. M/C)

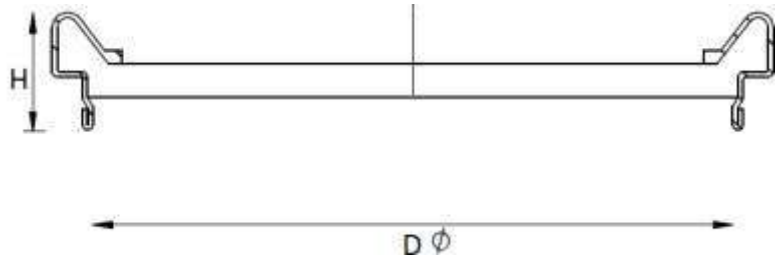
SIZE	Length	OD
12"	460-500	258
13"	460-500	284
14"	460-500	309
15"	460-500	328
16"	460-500	355
17"	460-500	378

All dimensions are in mm.

COLLAR BLADDER SLEEVE

For Truck TBM (Conti. Machines)

SIZE	D	H
16"	365	80
17.5"	395	50
19.5"/20"	465	80
22.5"	485	84
24"	535	80
24.5"	557	86



All dimensions are in mm



COLLAR

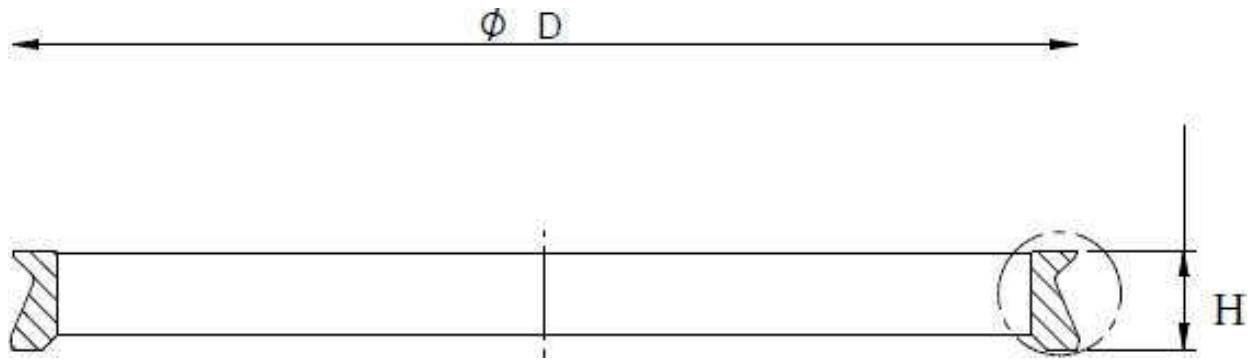
BLADDER/ RING

For Truck Tyres Building Machine
(Conti Machine)

- Super flexible material with metal wire inserts.
- Performance and fitments are accurate.
- Non-sticky top surface.
- Longer life.



Size Available: 16", 17.5", 20", 22.5", 24" & 24.5'



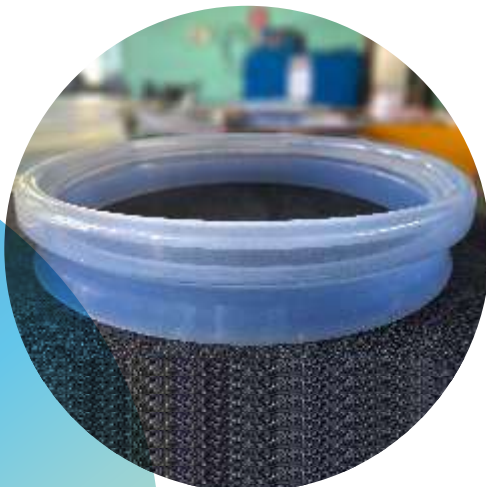
BEAD CLAMP/ BLADDERLESS SLEEVE

For Truck TBM (VMI Machines)



All dimensions are in mm

SIZE	D	H
15"	355	69
16"	376	69
17"	412	69
18"	442	69
20"	470	69
22.5"	480	89

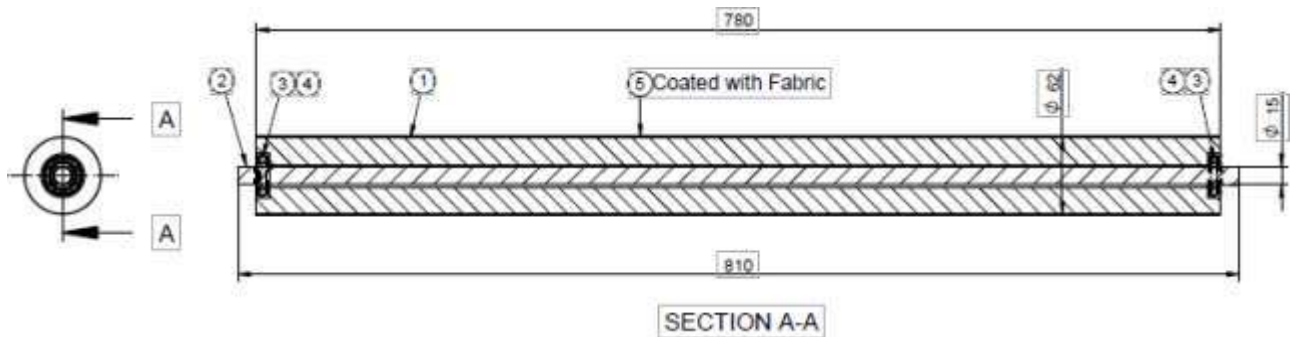


TOP-ROLLER/ PRESSURE ROLLER

With Fabric Layer On Top

This is a unique roller where rubber sponge coating is done to get pressure to remove air voids and traps from overlapping rubber layers on Tires at Tire building Machine(TBM). Its resulted hardness is 45-50 degree shore A from the fabric surface but while working under pressure it acts like 23-30 degree shore A.

We can develop up to a diameter of 500 mm and length of 1500 mm as per customer requirement.

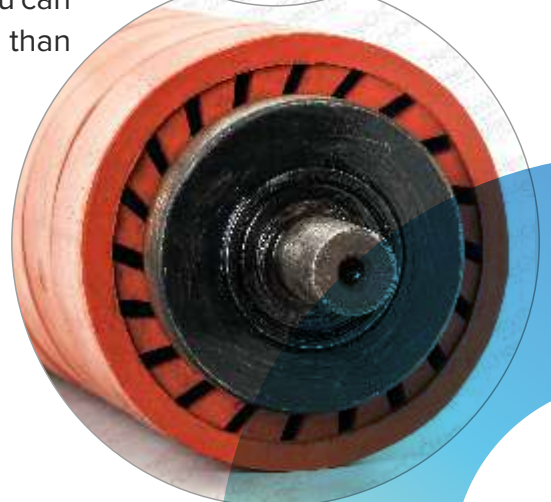
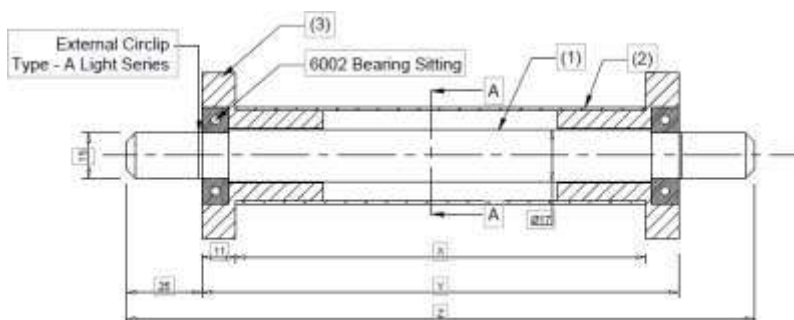


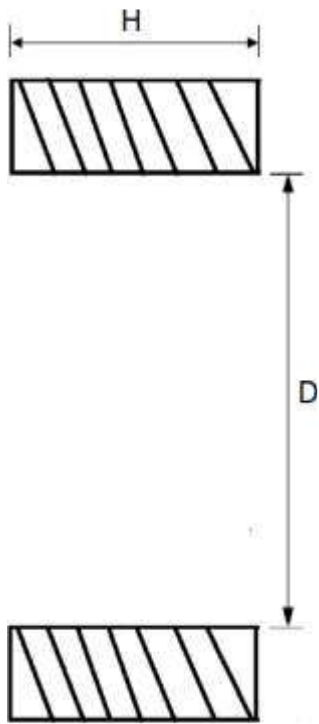
PRESSURE /TOP ROLLER

With Silicon Slotted Bushes

This works the same as Rubberised sponge roller but this is an advanced design and material. Here silicon rubber moulded bushing is designed to obtain a sponge-like effect though they are solid.

Material is non-sticky and gives excellent life. These Bushes are fitted on the square pipe. Additional to the above you can change the bushings easily and replace them rather than changing the whole roller.





RETRACTING

RING

(RUBBER BANDS)

SIZE	D	H
12"	200	25
13"	236	25
14"	250	25
15"	260	25
16"	290	25
17"	320	25
18"	330	25
19"	384	25
20"	408	25

CARCASS

RINGS

(RUBBER BANDS)

SIZE	D	H
12"	176	45
13"	200	45
14"	216	45
15"	240	45
16"	276	45
17"	290	45
18"	300	45
19"	335	45
20"	360	45



STITCHER TOOLS

Types:

- Side Wall Stitcher
- Carcass Stitcher

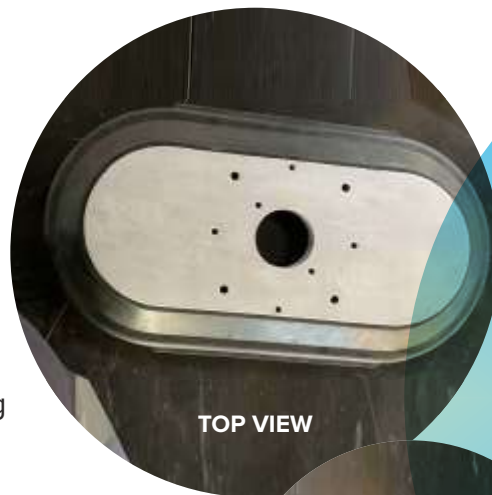
Benefits:

- High abrasion withstanding material
- Uniformity
- Excellent Metal to Rubber bonding.
- Excellent Performance and Life.

PAD FOR BALE LIFTING M/C (BANBURY DEPARTMENT)

This Pad is used for Vaccum Bale lifting machine at Banbury Department.

Our Material is Excellent at performing of Vaccum and withstands load holding capacity also serves longer life.



TOP VIEW



BOTTOM VIEW

SEAL KITS & ROTARY SEALS

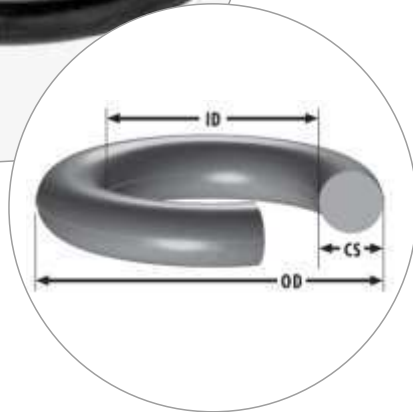
Any Standard and Customized seal kit can be manufactured which can give equivalent or long life performance to any OEM KITS



CURING PRESS O-RINGS

We manufacture "O" rings for the curing department and also various maintenance areas. We design special formulas as per the user requirement per the application from various materials like Nitrile, Neoprene, EPDM, Viton, FKM, FFKM, Etc.

We have developed a Maximum cross-section Diameter up to 32 mm and 1150 mm OD.

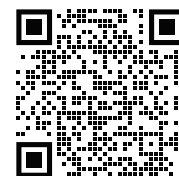


OUR OTHER PRODUCTS

1. BUSHES
2. GASKETS/METAL INSERTED GASKET/HEAT-EXCHANGER GASKET(PHE)
3. RUBBER SEALS
4. RUBBER BUFFER
5. RUBBER SHEET
6. CONVEYING BELTS
7. RUBBER LAGGING
8. PULLEYS
9. RUBBER ROLLERS
10. IDLER ROLLERS
11. RUBBER DIAPHRAGMS
12. COUPLING RUBBER CONNECTORS
13. RUBBER SPIDERS
14. "O" RINGS
15. FLAT RINGS
16. RUBBER BELLOWS
17. RUBBER CORDS
18. RUBBER EXTRUDED CHANNELS & SECTIONS
19. INSULATING RUBBER SHEET.
20. RUBBER WASHERS
21. RUBBER PADS.
22. RUBBER NOZZLES
23. RUBBER ELEMENT PACKERS
24. RUBBER OIL SEALS
25. PTFE BUSHES
26. PTFE GASKETS
27. PTFE SEALS
28. PU SEALS
29. SEAL KITS



WE MANUFACTURE SOLUTIONS NOT JUST THE PRODUCT



Contact

Address : old Dalal Dairy,
Near Kharakuwa,
Malarpura,
City: Nadiad - 387 001
Gujarat India.

+91 99240 88007
www.chemmechrubbers.com
chemmech@rediffmail.com
info@chemmechrubbers.com



- CHem meCH Rubbers and Engineers
- CHem meCH Rubbers and Engineers