



**RESULTS.
RELIABILITY.
DEPENDABILITY.**



RAHUL WIRE

An IATF 16949 Certified Company

CONTENTS

FEATURES

4

INNER WIRES RANGE & SPECIFICATIONS

5

INNER WIRE ROPE LAY
INNERS & OUTERS FOR CONTROL CABLE

6

TECHNICAL DATA SHEET

7

TECHNICAL DATA SHEET

8

MATERIAL INFORMATION

9

OUTER CASING (CONDUITS)
RANGE & SPECIFICATIONS

10

OUTER CASING (CONDUITS)

11

PLASTIC/RESIN MATERIAL USAGE
MATERIAL INFORMATION

12

TESTING MACHINE

13

ZINC PRESSURE DIE CASTING
PRODUCT RANGE

14

ZINC PRESSURE DIE CASTING
SOPHISTICATED ROOM TOOL

15

OTHER PRODUCTS RELATED TO CONTROL
CABLE

FROM THE DESK OF



MR. KK GANDHI
FOUNDER & PROMOTER

RAHUL WIRE

Dear Customers,

Rahul Wire was established in 1999 with an objective to serve the industry with cutting edge technology and innovation. The company began with manufacturing of wire ropes, speedometer inner and manual transmission inners for a wide array of automobiles. Through advanced practices and consistent quality standards, it became the leading supplier of inner wires to prominent control cable OEM manufacturers. Other products include the likes of speedometer inners, zinc pressure die casting parts, push-pull cables and inners; to name a few.

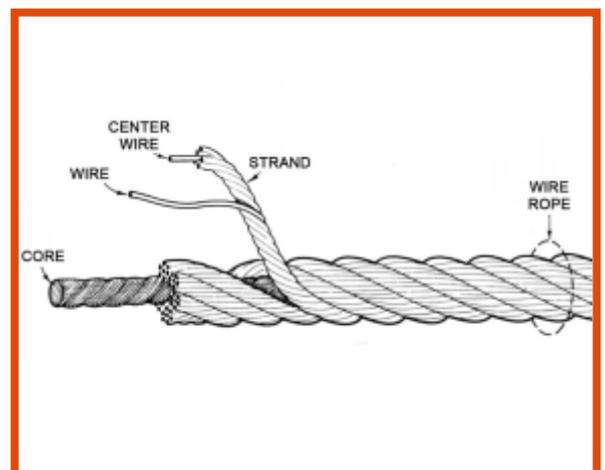
The company has moved further to establish 3 state-of-the-art manufacturing units in Rajasthan and Haryana with a capacity to manufacture 10 million meters of wire ropes every month.

We have implemented IATF 16949 in our Group of Companies in 2016. Currently, the company is working hard towards setting up a cutting edge Inner Manufacturing Technology

Rahul Wire will keep striving for its customers to ensure optimum quality standards for decades to come.

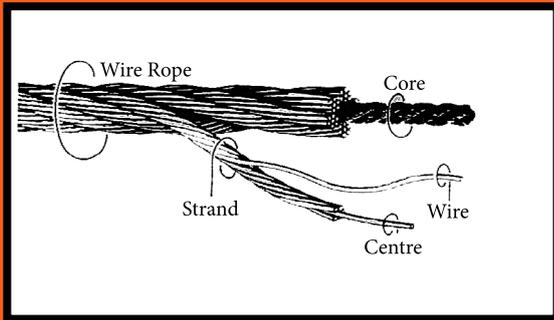
***Our Vision,
Mission and
Quality Policy:***

INNER WIRES RANGE & SPECIFICATIONS

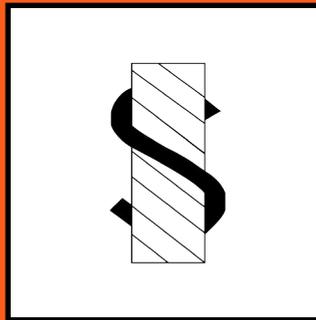


INNER WIRE ROPE LAY

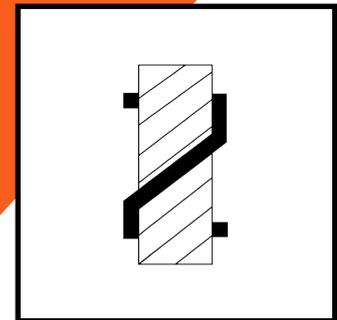
The direction of lay or rotation of the strands is normally right hand. But, some machinery needs left hand lay.



Wire Rope



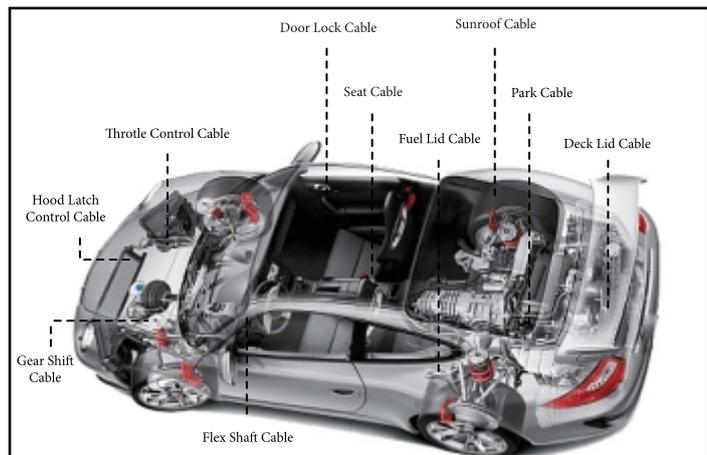
Left Lay Hand



Right Lay Hand

INNERS & OUTERS FOR CONTROL CABLE

It has wide range of application inside the vehicle such as brake , gear, window, rear mirror, gas pedal, etc. It can also be applied to the control system on machinery and electronic device



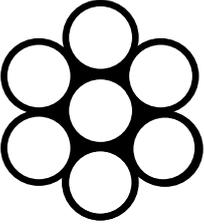
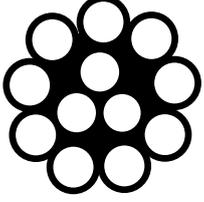
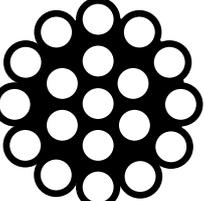
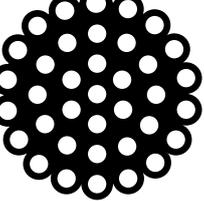
INNER WIRE ROPES

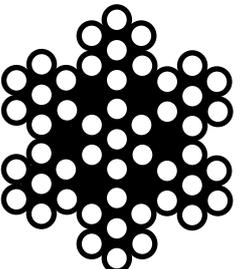
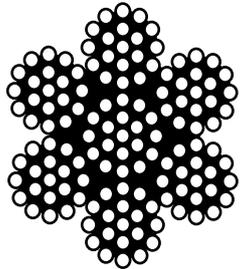
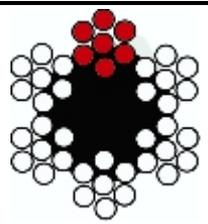
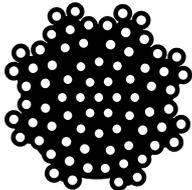
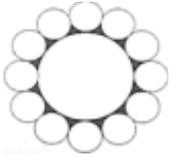
CONTORL CABLES

SPEEDOMETER CABLES

PUSH PULL CABLES

TECHNICAL DATA SHEET

| Construction | Diameter mm | Min. Breaking Load (Kg) | | | Approx Weight (Kg/100m) |
|---|-------------|-------------------------|---------|---------|-------------------------|
| | | Galvanized | SUS 316 | SUS 304 | |
|  1x7 | 0.30 | 10 | 8 | 10 | 0.05 |
| | 0.40 | 18 | 15 | 17 | 0.08 |
| | 0.50 | 29 | 25 | 27 | 0.13 |
| | 0.60 | 41 | 34 | 39 | 0.18 |
| | 0.80 | 72 | 60 | 66 | 0.32 |
| | 1.00 | 110 | 90 | 105 | 0.50 |
| | 1.20 | 155 | 135 | 150 | 0.74 |
| | 1.40 | 210 | 180 | 205 | 1.01 |
| | 1.50 | 240 | 210 | 230 | 1.15 |
| | 1.60 | 270 | 240 | 260 | 1.42 |
|  3+9 (1x12) | 1.00 | 105 | 80 | 95 | 0.49 |
| | 1.20 | 150 | 120 | 140 | 0.70 |
| | 1.40 | 200 | 160 | 190 | 0.95 |
| | 1.50 | 230 | 185 | 215 | 1.09 |
| | 1.60 | 250 | 210 | 245 | 1.24 |
| | 1.80 | 310 | 265 | 310 | 1.56 |
|  1x19 | 0.80 | 70 | 50 | 60 | 0.32 |
| | 1.00 | 105 | 80 | 95 | 0.50 |
| | 1.20 | 150 | 120 | 140 | 0.72 |
| | 0.40 | 220 | 160 | 190 | 0.98 |
| | 0.50 | 250 | 185 | 215 | 1.12 |
| | 1.60 | 280 | 210 | 245 | 1.27 |
| | 1.80 | 340 | 265 | 310 | 1.61 |
| | 2.00 | 425 | 330 | 365 | 2.00 |
| | 2.50 | 665 | 520 | 570 | 3.10 |
| | 3.00 | 850 | 660 | 730 | 4.48 |
| | 3.50 | 1100 | 860 | 950 | 6.00 |
| | 4.00 | 1400 | 1090 | 1200 | 7.90 |
| 5.00 | 2180 | 1700 | 1880 | 12.50 | |
| 6.00 | 3150 | 2050 | 2700 | 18.10 | |
|  1x37 | 2.50 | 580 | 440 | 555 | 3.05 |
| | 3.00 | 830 | 640 | 800 | 4.39 |
| | 3.50 | 1130 | 870 | 1090 | 5.99 |
| | 4.00 | 1480 | 1140 | 1420 | 7.82 |
| | 4.80 | 2130 | 1640 | 2050 | 11.30 |
| | 5.00 | 2300 | 1670 | 2110 | 12.20 |
| 6.00 | 3330 | 2400 | 3000 | 17.60 | |

| Construction | Diameter mm | Min. Breaking Load (Kg) | | | Approx Weight (Kg/100m) |
|---|-------------|-------------------------|---------|---------|-------------------------|
| | | Galvanized | SUS 316 | SUS 304 | |
|  <p>7x7</p> | 0.80 | 55 | 45 | 50 | 0.27 |
| | 1.00 | 85 | 65 | 75 | 0.42 |
| | 1.20 | 120 | 96 | 108 | 0.61 |
| | 1.50 | 180 | 150 | 170 | 0.95 |
| | 1.60 | 220 | 170 | 190 | 1.00 |
| | 1.80 | 260 | 216 | 245 | 1.34 |
| | 2.00 | 310 | 260 | 290 | 1.65 |
| | 2.50 | 480 | 400 | 460 | 2.57 |
| | 3.00 | 700 | 585 | 660 | 3.71 |
| | 3.50 | 920 | 796 | 900 | 5.05 |
|  <p>7x19</p> | 1.50 | 200 | 130 | 160 | 0.95 |
| | 1.60 | 230 | 150 | 180 | 1.08 |
| | 2.00 | 360 | 231 | 280 | 1.63 |
| | 2.50 | 560 | 390 | 435 | 2.63 |
| | 3.00 | 810 | 565 | 625 | 3.78 |
| | 3.50 | 1100 | 750 | 830 | 5.28 |
| | 4.00 | 1275 | 970 | 1100 | 6.71 |
|  <p>Warrington</p> | 3.0 | 807 | - | - | 4.1 |
| | 3.5 | 920 | - | - | 5.5 |
| | 4.0 | 1204 | - | - | 7.2 |
|  <p>8x7+1x19</p> | 1.5 | 200 | - | - | 0.95 |
| | 1.8 | 280 | - | - | 1.34 |
| | 2.0 | 350 | - | - | 1.65 |
|  <p>1+7x7 (Centre Core = Oil Tempered Wire)</p> | 2.5 to 4.5 | - | - | - | - |
|  <p>1+12 to 1+18 (Centre Core = Oil Tempered Wire)</p> | 2.0 to 4.5 | - | - | - | - |

|  <p>Speedometer Inner</p> | Diameter mm | Torque |
|---|--------------|---|
| | 3.10 to 3.20 | 12 to 14 KGF/Cm ² or As per customer specification |

MACHINES

- 25 No. Wire Drawing Machines
- 150 No. Wire Twisting Machines
- 10 No. Extrusion Costing Machine
- 18 No. Speedometer Wire Twisting Machines
- InHouse Tool Room and DIE Room
- Sophisticated In House Lab

MATERIAL INFORMATION
FOR INNER WIRE ROPES

- GALVANIZED
- SUS 316
- HCS GALVANIZED
- SUS 304

Production Capacity : 10 million meters per month



OUTER CASING (CONDUITS) RANGE & SPECIFICATIONS

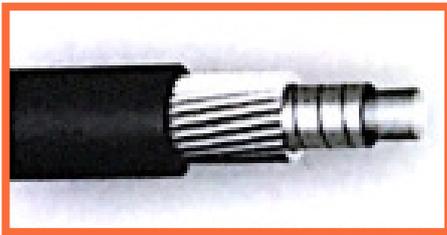


OUTER CASINGS (CONDUITS)

It is mainly used as an outer tube for control cable inner. Types of product include coiling outer casing, long-lay outer casing, and double-wire outer casing. It has wide range of applications include boats, automobile manufacturing, mechanical manufacturing, mechanical control, etc.

We can produce according to customers' specifications including the material, color, dimension and packaging.

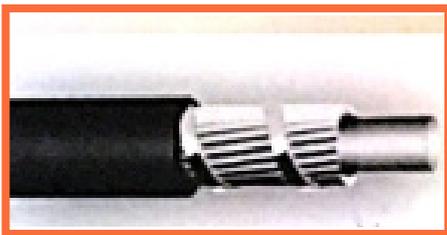
Production Capacity : 500 Tons per month



Img 1 : Push-Pull Outers
Product Capacity : 5mm - 15mm



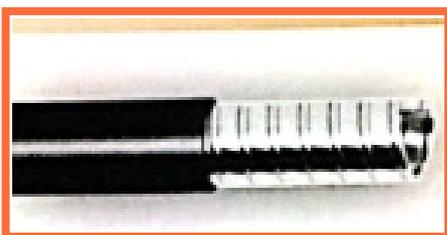
Img 2 : Push-Pull Outers
Product Capacity : 3mm - 15mm



Img 3 : Push-Pull Outers with Taping
Product Capacity : 5mm - 25mm



Img 4 : Round Spring Wire
Product Capacity : 5mm - 7mm



Img 5 : Double Ply Outer
Product Capacity : 7mm & 10mm



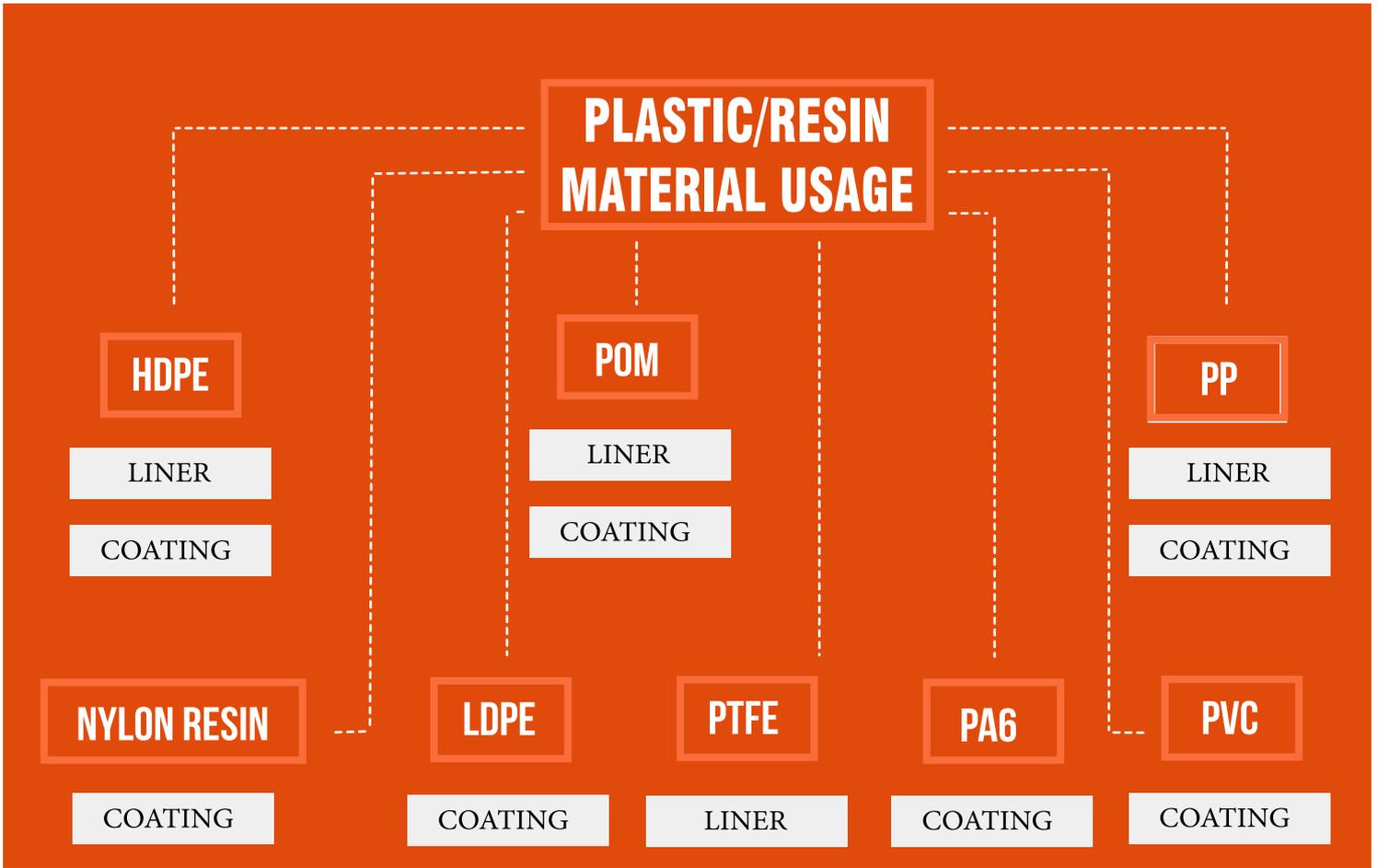
Img 6 : Single Ply Outer
Product Capacity : 5mm - 12mm



Img 7 : SS Spring Outer for Mirror Cables
Product Capacity : 2.6mm - 4mm

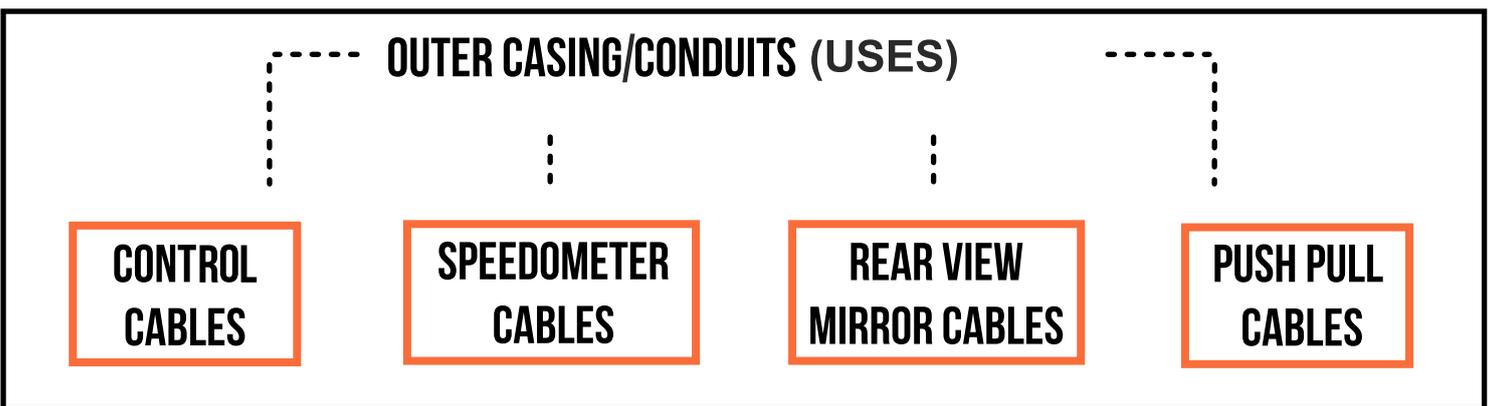


Liner



MATERIAL INFORMATION
FOR OUTER CASING

- High Carbon Steel FQ quality (GALVANISED & BLACK)
- SUS 304 , as per customer request



MACHINES
FOR OUTER CASINGS

- Auto Winders - 50 No.
- 10 Double Ply Outer Machines
- 10 No. Extrusion Coating Machine
- 30 Bobbin planetary Stranding Machine for Push-Pull Outers
- 24 Bobbin Tubular Stranding Machine for Push-Pull Outers
- InHouse Tool Room and DIE Room
- Sophisticated InHouse Lab

| RWR PRODUCT RANGE | CONSTRUCTION | DIAMETER mm | TYPES |
|-------------------------------------|------------------------------------|-------------|--|
| OUTER CASING for control cables | OUTER CASING (Single Ply) | 5.0 -12.0mm | with and without liner, as per requirement |
| OUTER CASING for speedometer cables | All type SPEEDO CABLE OUTER | 7.0 mm | Outer Casing (Double Ply) |
| | | 7.0 mm | Gap Ply Outer |
| | | 7.0 mm | Round Spring Wire |



TESTING MACHINES

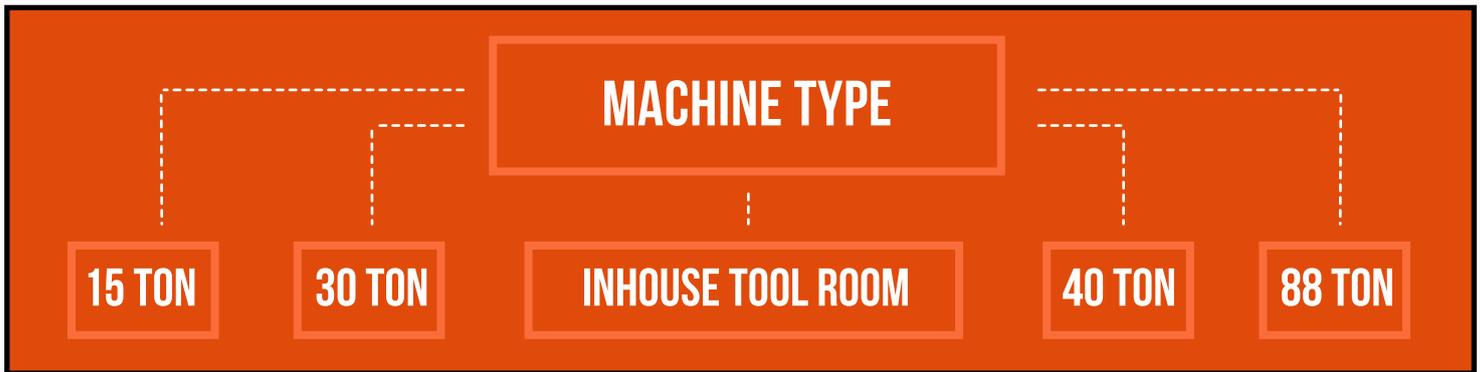
- Life Cycle Test RIG
- Tensile Testing Machine
- Inner Elongation Testing Machine
- Salt Spray Tester
- Speedometer Torque Testing Machine
- Buckling Testing Machine
- Speedometer Cable Endurance Testing Machine
- Load Stroke Efficiency Testing
- Outer Compression Testing Machine



ZINC PRESSURE DIE CASTING PRODUCT RANGE



ZINC PRESSURE DIE CASTING



Capacity : More than 100 Tons per month

SOPHISTICATED ROOM TOOL

- VMC MACHINE
- EDM MACHINE
- MILLING MACHINE
- LATHE MACHINE



OTHER PRODUCTS RELATED TO CONTROL CABLE

LINERS AND COATED INNER WIRES

| DIAMETER | TYPES |
|-------------------------------------|--|
| All Dimensions, Available for Liner | Color, Material, as per customer Requirement |

PE & NYLON COATED INNER WIRE ROPE & STRAND WIRE

| DIAMETER | TYPES |
|---|--|
| All Dimensions, Available for Coated Inner Wire | Color, Material, as per customer Requirement |

MODE PIPE & TEMP PIPE CABLE

| DIAMETER | TYPES |
|------------------------------|-------------|
| Upto 5mm All Sizes Available | All Colours |

CONTROL CABLE INNER WIRES END CASTING

| DIAMETER | TYPES |
|----------------------------|---|
| All Type Inner End Casting | Specification as per customer Requirement |

SPEEDO INNER WIRE SWAZING

| DIAMETER | TYPES |
|----------|---|
| 3.15 | Specification as per customer Requirement |

OUTER FOR MIRROR CABLE

| DIAMETER | TYPES |
|-------------------------|--|
| 2.8 , 3 , 3.5 , 3.8 , 4 | As per customer Requirement Material SUS304/SUS316 |



CONTACT



Gurugram

Plot no 511 part II, Udyog Vihar, sector37, Gurugram, Haryana 122001



Bhiwadi

A-43 Kahrani Industrial area extension, Bhiwadi, Rajasthan 301019



marketing@rahulwireropes.com



www.rahulwireropes.com



+91-9899330331