

**RESULTS.  
RELIABILITY.  
DEPENDABILITY.**



**RAHUL WIRE**

An IATF 16949 Certified Company

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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.*

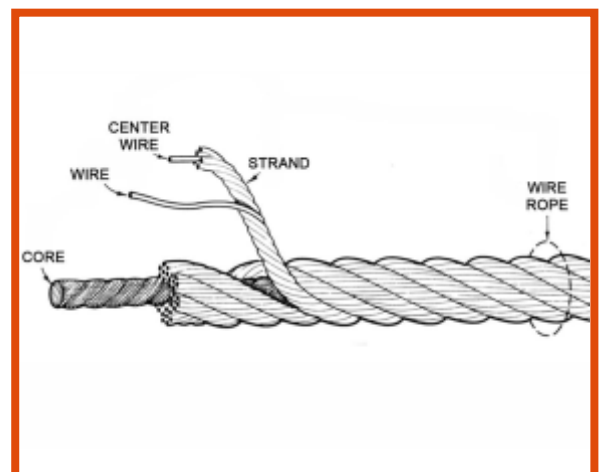
*The company has moved further to establish 3 state-of-the-art manufacturing units in Rajasthan and Haryana with a capacity to manufacture 10 million meters of wire ropes every month.*

*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.*

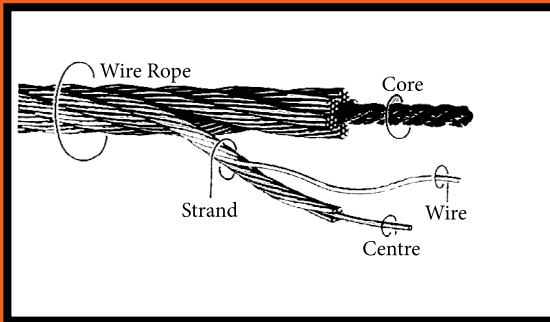
***Our Vision,  
Mission and  
Quality Policy:***

# INNER WIRES RANGE & SPECIFICATIONS

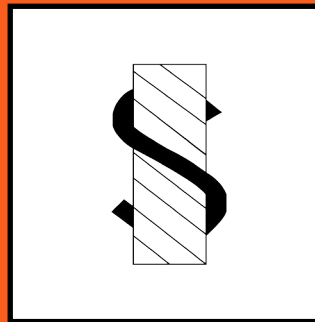


# INNER WIRE ROPE LAY

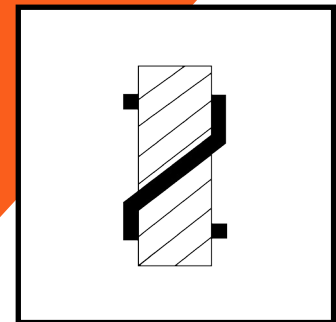
The direction of lay or rotation of the strands is normally right hand. But, some machinery needs left hand lay.



Wire Rope



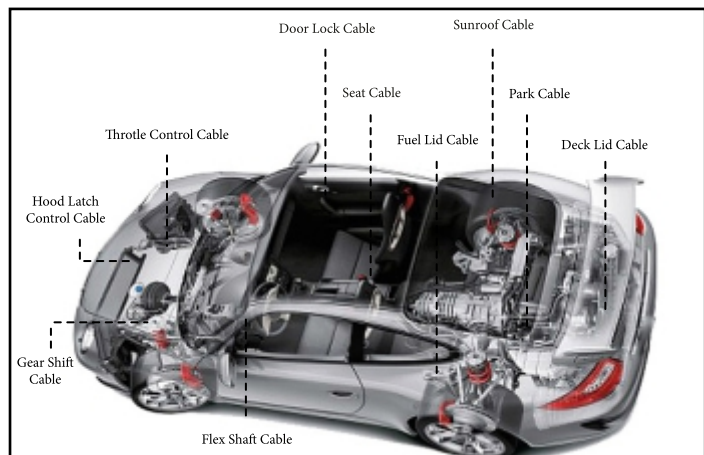
Left Lay Hand



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

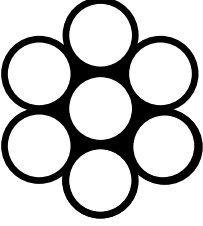
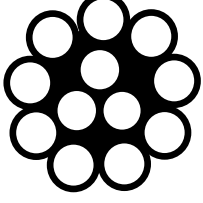
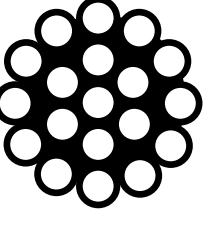
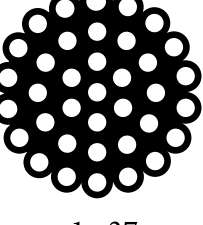
CONTORL CABLES

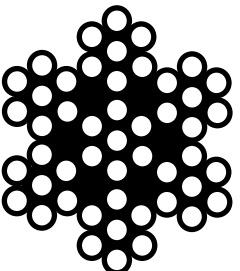
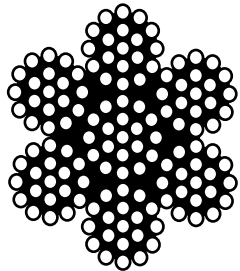
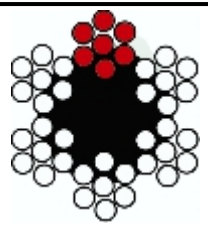
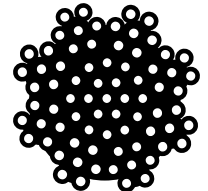
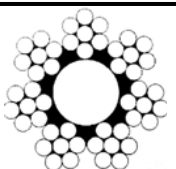
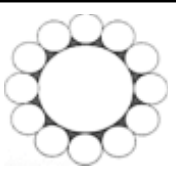
SPEEDOMETER CABLES


PUSH PULL CABLES



# TECHNICAL DATA SHEET

Construction	Diameter mm	Min. Breaking Load (Kg)			Approx Weight (Kg/100m)
		Galvanized	SUS 316	SUS 304	
 1×7	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)	1.80	340	300	330	1.63
	2.00	420	370	410	2.05
	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
 1×19	1.60	250	210	245	1.24
	1.80	310	265	310	1.56
	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
 1×37	4.00	1400	1090	1200	7.90
	5.00	2180	1700	1880	12.50
	6.00	3150	2050	2700	18.10
	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	
 7×7	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
	4.00	1200	1014	1150	6.60
	5.00	1870	1600	1800	10.00
	6.00	2700	2300	2500	14.40
 7×19	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
	5.00	2100	1520	1700	10.50
	6.00	2950	2200	2450	15.20
 Warrington	3.0	807	-	-	4.1
	3.5	920	-	-	5.5
	4.0	1204	-	-	7.2
 8×7+1×19	1.5	200	-	-	0.95
	1.8	280	-	-	1.34
	2.0	350	-	-	1.65
 1+7x7 (Centre Core = Oil Tempered Wire)	2.5 to 4.5	-	-	-	-
 1+12 to 1+18 (Centre Core = Oil Tempered Wire)	2.0 to 4.5	-	-	-	-

 <p>Speedometer Inner</p>	Diameter mm	Torque
	3.10 to 3.20	12 to 14 KGF/Cm <sup>2</sup> 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
- HCS GALVANIZED
- SUS 316
- SUS 304

Production Capacity : 10 million meters per month





# OUTER CASING (CONDUITS) RANGE & SPECIFICATIONS

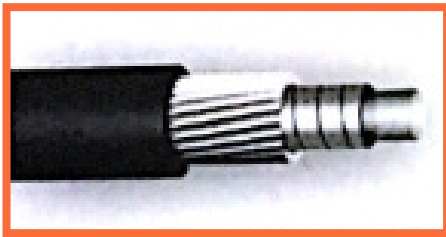


# OUTER CASINGS (CONDUITS)

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.

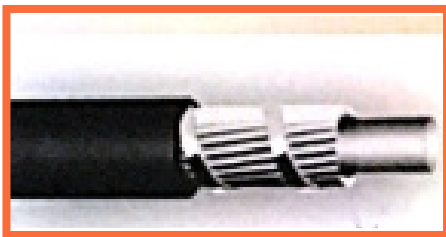
**Production Capacity : 500 Tons per month**



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



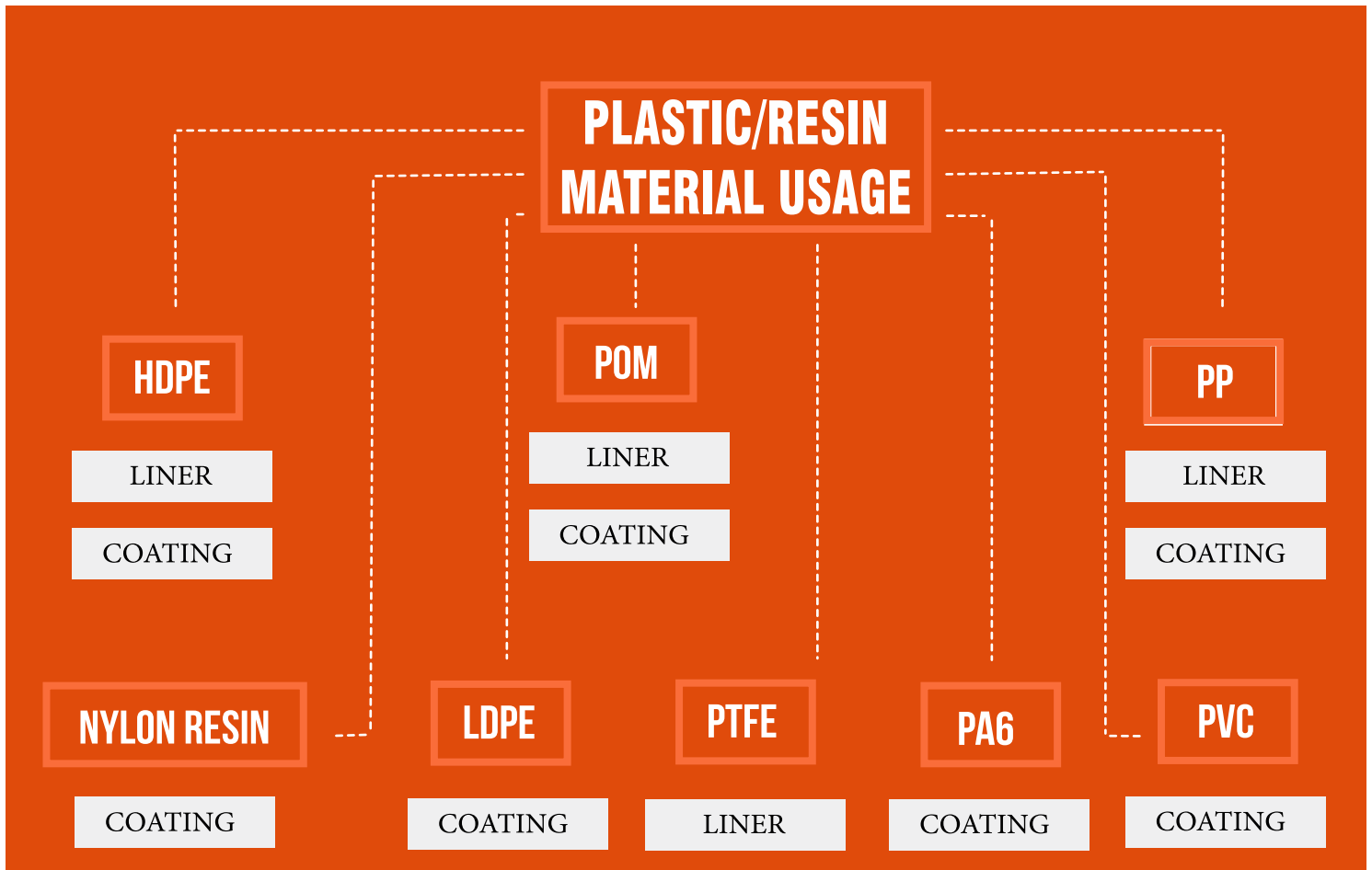
Img 6 : Single Ply Outer  
Product Capacity : 5mm - 12mm



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



Liner

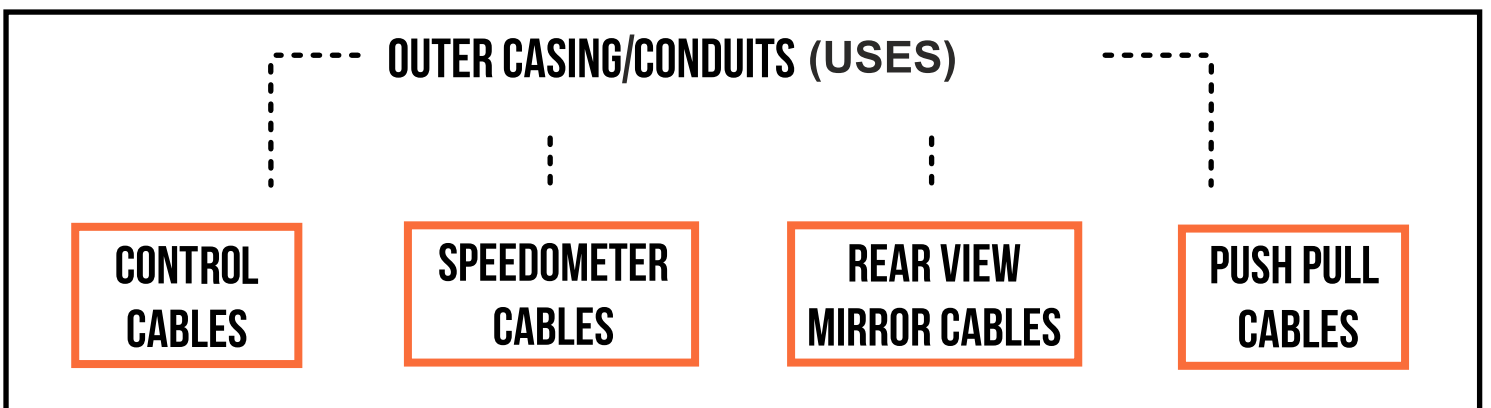


## MATERIAL INFORMATION

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

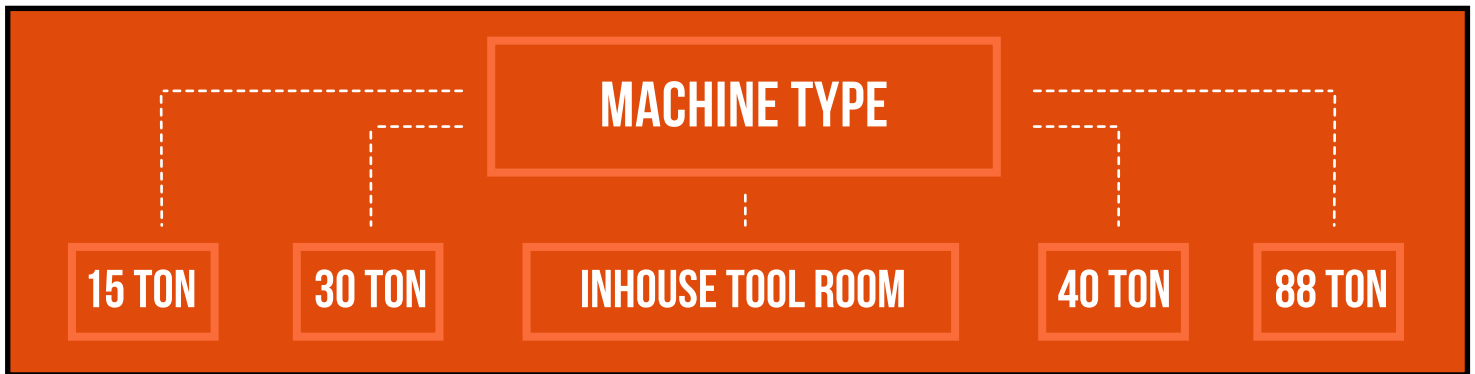
- Life Cycle Test RIG
- Tensile Testing Machine
- Inner Elongation Testing Machine
- Salt Spray Tester
- Speedometer Torque Testing Machine
- Buckling Testing Machine
- Speedometer Cable Endurance Testing Machine
- Load Stroke Efficiency Testing
- Outer Compression Testing Machine



# 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



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