



BROCHURE

Introduction



Bharat Wire Ropes Ltd. the leading wire ropes manufacturing company, enshrines Indian ethos to the very core. A relentless pursuit for perfection defines the way we do business and this makes itself evident in the high quality of our product offerings. Rooted in our values are warm and hospitable nature in dealing with our clients with a continuous focus on innovation & quality. Our motto is to provide the “Best in-Class Value Proposition”.

Established in 1986, Bharat Wire Ropes Ltd. has been manufacturing Speciality Wire Ropes, Strands and Slings from its Atgaon & Chalisgaon Plant based facility with a capacity of 72,000 M.T and catering to a wide variety of industries that includes Shipping, Railways, Oil & Gas, Mining and Defence, to name a few. Accredited by reputed agencies such as TUV SUD for ISO and LLOYD's Register, we are making great strides in the manufacturing of specialized wire ropes such as Plasticated, Compacted, Non- Rotating, Swagged, Tube Coated along with Parallel closed stranded ropes with high breaking load values & enlarged metallic cross section. We have invested a whopping USD 78 million for our new manufacturing plant in Chalisgaon, Maharashtra which is a fully integrated facility located 350 kms from Mumbai port, producing High Carbon Wire Ropes ranging in thickness from 6mm-90mm with Tensile grade up to 2360 N/mm^2 & higher.

The Chalisgaon Facility with a capacity of 66,000 M.T is spread over a sprawling 9,68,752 sq feet area and employs State of the Art machinery imported from across the world to carry out the various operations such as pickling, galvanizing, stranding and closing. Safety and Quality of all our products is taken care of by our State of the art in-house testing centers and laboratories. Going forward, we aim to set new benchmarks in the production of steel wire ropes, structural strands and slings. To scale greater heights, we would like to solicit your unabridged support and trust.



INTRODUCTION

Global Presence

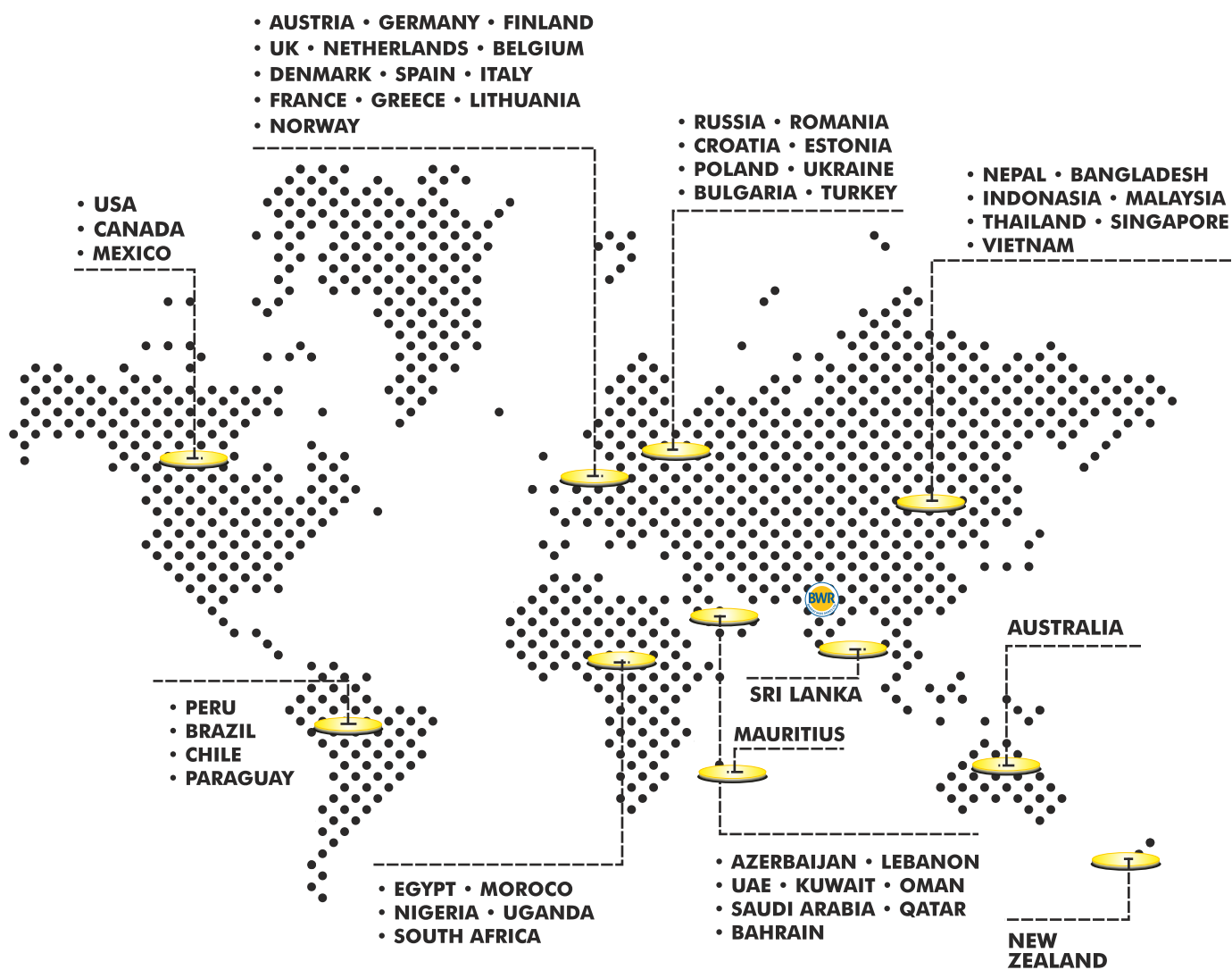
GOVERNMENT AND SEMI-GOVERNMENT ORGANIZATIONS

Indian Railways, Major Ports, Electricity Boards, Shipping Industry, Oil and Natural Gas Corporation, Indian Army, Indian Navy, Indian Air Force, ISRO (Indian Space Research Organization), COAL India, BHEL (Bharat Heavy Electricals Limited), Ministry of Defence, PGCIL (Power Grid Corporation Of India Limited) and many others...

PRIVATE ORGANIZATIONS

Our Clientele also includes leading Multinational Companies.

EXPORTS



APPROVALS



INTRODUCTION

Our Facilities - Chalisgaon

OUR STATE OF THE ART MACHINES

One of India's largest wire rope manufacturer, shipping to over **55+ countries across the globe**. Over **37+ years** of specialized experience in manufacturing General Purpose wire ropes, Specialty wire ropes, Strands, Slings. We are driven by a sheer commitment to deliver Best In Class **Value Proposition** to our customers across the globe.

Chalisgaon
MAHARASHTRA, INDIA



THE COMPANY

- A Greenfield Project of Rs. 78 Million.
- High-end machines from world leaders.
- Diameter between 6 mm to 90 mm and tensile grades upto 2360 N/mm².
- Product repertoire enhanced with new varieties.
- Available Finish - Ungalvanized, Galvanized, Stainless Steel & Aluminum



PUBLIC LISTED COMPANY

- Bombay Stock Exchange (BSE) &
- National Stock Exchange (NSE)



- **SAFETY** is at the heart of what we do.
- **INNOVATION** is what we thrive on.
- **VALUE PROPOSITION** - Best-in-class to customers is what we Aim for.



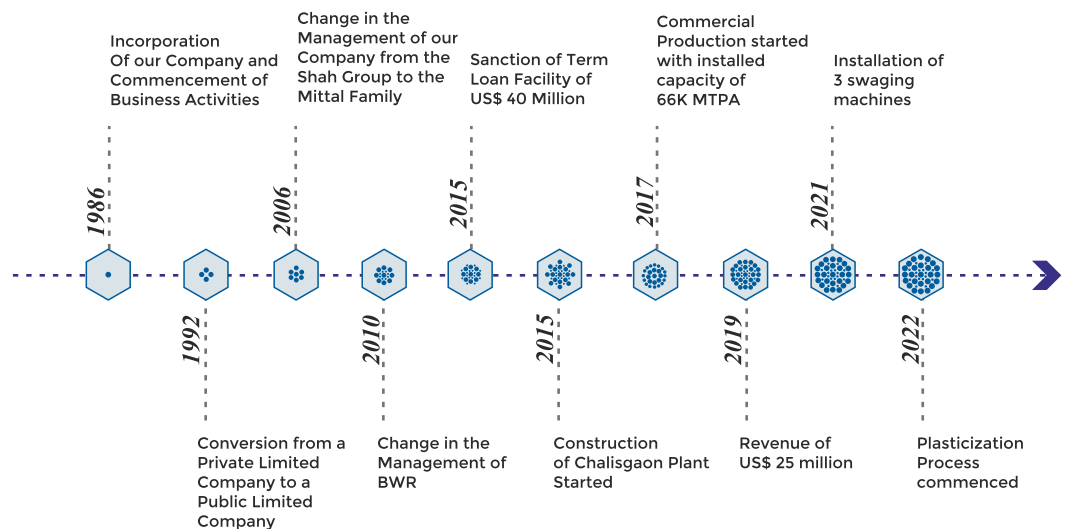
THE PRODUCT

- High Carbon Steel Wire Ropes
- Stainless Steel Wire Ropes
- Plastic Impregnated Wire Ropes

Catering to diverse sectors such as Oil & Gas, Mining, Shipping, Ports, Fishing, Elevator, Construction, Power Transmission, Railways, Passenger Ropeways, Aerial Transport, Infrastructure, Defense & Crane Industries.

OUR MILESTONES

35+ years
of excellence



INTRODUCTION

Our Chalisgaon Plant

The company follows a straight line material flow, warranting minimum material handling required. The fuel used is Liquefied Natural Gas that provides energy density 2.4 times of CNG or any other natural fuel, making it calorie rich gas readily available. The tunnel pickling Line (imported from Germany) is fully automated with the annual pickling capacity of 75,000 M.T covering a wide range of 5.5mm-12mm wire rope.

The plant is equipped with zero liquid discharge/waste water treatment plant with Ultra Filtration, 2 stage RO and evaporation system imported from Steuler, Germany. The patenting cum Galvanising furnace is a state-of-art facility covering a range of 0.90mm-12.0mm promising annual patenting and galvanising capacity of 74,000 M.T per year.

The said facilities are imported from South Korea. The plant is equipped with a number of wet and dry wire drawing machines from South Korea and India covering a range of 0.2mm to 5mm outlet wire.

The stranding machines are from South Korea, Germany and India covering a range of rope dia upto 90mm. The highest tensile range covered is 220 Kg/mm² & the Highlight is a 48 bobbins & 18 bobbins bull nose machine from Sket.

The other USP of the plant is the planetary closer machine from SKET, Germany which enables the plant to close a finished rope of 90 mm diameter.

STEULER Pickling Plant



Stranding Machines



3-Inline Patenting-Galv Lines



SKET 8*1600 Closer



Wire Drawing Machines

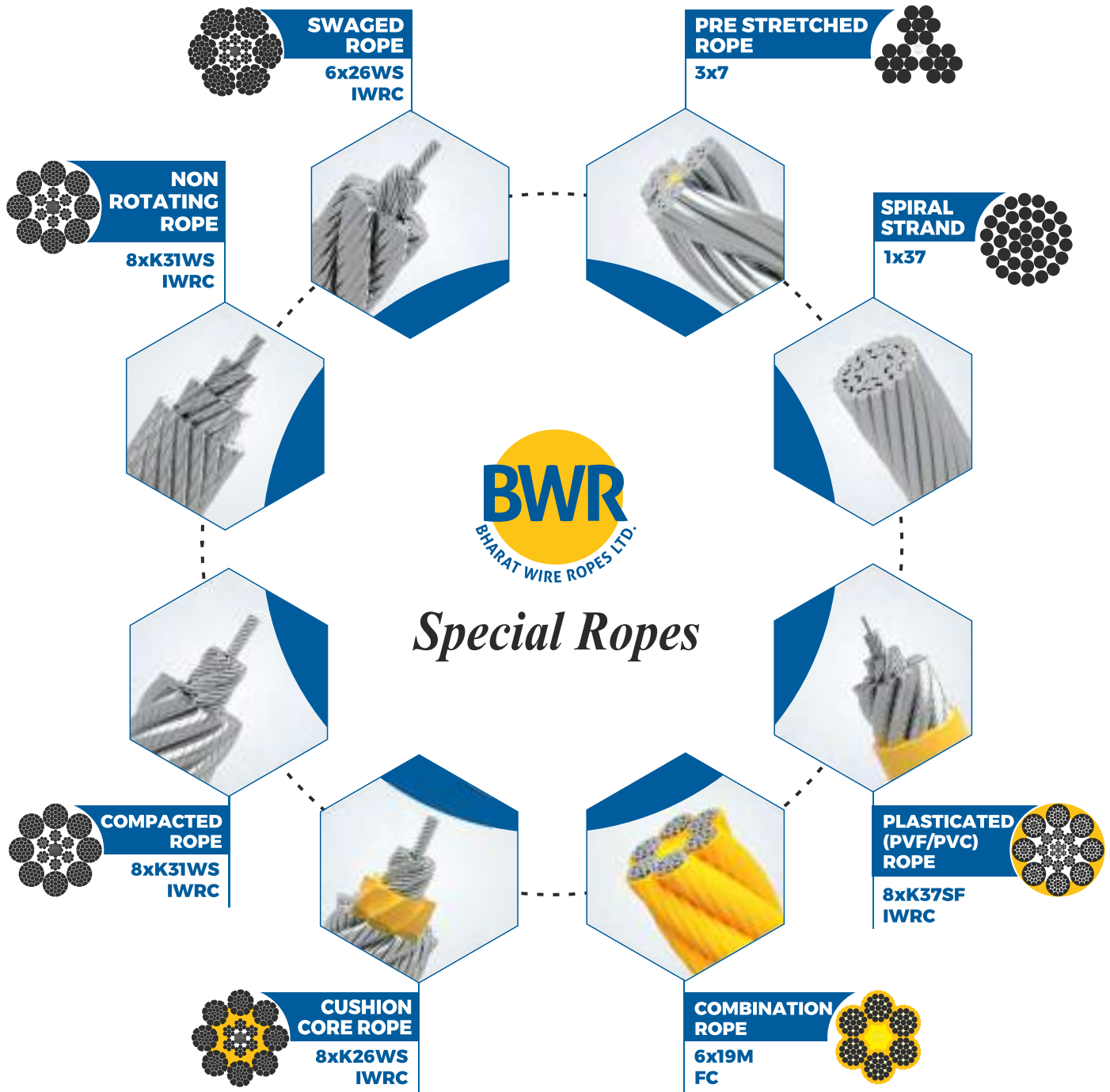


SKET 48 *630 Strander



PRODUCT

Special Ropes



INTRODUCTION

Quality Testing

500 Ton Testing Bed



Pre Stretching Bed



100 Ton Testing Bed



Hot Air Oven



Resistance



Tensile Testing



Tensile Testing



Torsion Testing



Metallurgical Microscope



Chemical Lab



Carbon Sulphur Apparatus



Muffle Furnace



INTRODUCTION

Certifications

Our ropes undergo tough quality test, including endurance testing to ensure that only the product meeting stringent quality levels reach our customers. Our production and quality systems have been designed and are managed in accordance with our - Quality Management System accredited by TUV SUD South Asia Private Limited for - ISO 9001:2015, 14001:2015 and ISO 45001:2018. We also are in accordance with LLOYD's Register Certificate for Steel Wire Rope - Max 80mm dia.



LLOYD's Register Certificate for Steel Wire Rope Max 80mm dia



ISO 14001 : 2015



ISO 9001-2015



ISO 45001 : 2015



We also have various certifications from Bureau of Indian Standards like IS:1835, IS:1855, IS:1856, IS:2266, IS:2365, IS:4521, IS:10891 - Part 1. In addition to the above, the plants are fully equipped to meet & manufacture various National & International specifications like BSEN1385-Part 4, BSEN12385 - Part 5, API 9A, ISO4344, JIS-G-3525.

INTRODUCTION

Lubrication

- BWR - Make wire ropes which are supplied with special lubricant
- Periodic Lubrication during usage is necessary to derive enhanced performance.

Type of Lubrication	Lubrication Method		Suitable on wire rope	Appearance (Type of Grease)	Note
No-Lube	No Lubrication		Galv Strand Galv W/R Stainless A/C		No Grease
Dry	Closing	No Lubrication	Galv. A/C Brake Strand Galv. W/R	Transparent (Dry)	A rust inhibiting oil is used to prevent corrosion during transit and storage. Non-tacky to hand touch.
	Stranding	No Lubrication			
	Core	No Lubrication			
A-0	Closing	No Lubrication	Galv/Ungalv. Wire Rope	Strands - Transparent Core - Yellowish-Brown (Petro-Chem grease)	For general application of Galvanized / Un Galv Wire Rope with steel core
	Stranding	No Lubrication			
	Core	Light lubrication with tight wipe			
A-1	Closing	No Lubrication	Galv. Strand Galv. W/R	Yellowish - Brown (Petro-Chem grease)	For general application of Galvanized Wire Rope.
	Stranding	Min. possible application tight wipe as possible			
	Core	Little heavier than on strand.			
A-2	Closing	No Lubrication	Galv. Strand Galv. W/R Stainless A/C	Yellowish - Brown (Petro-Chem grease)	For general application of Galvanized Wire Rope. Slightly oily to the touch.
	Stranding	Light application by dropping method. Internal lubrication is accomplished. Loose wipe			
	Core	Heavier than on Strand No wipe			
A-3	Closing	No Lubrication	Galv./Ungalv. Wire Rope	Yellowish - Brown (Petro-Chem grease)	For general application of Ungalvanized Wire rope. Lightly tacky to hand touch.
	Stranding	Applied during stranding by dropping method and the strand is lubricated again by running it through a bath of lubricant			
	Core	Heavy application. No wipe			
A-4	Closing	Applied during closing by dropping method	Galv/Ungalv. Wire Rope	Yellowish - Brown (Petro-Chem grease)	Wire rope valley is filled with lubrication. For special usage of wire rope against corrosion
	Stranding	Applied during stranding by dropping method and the strand is lubricated again by running it through a bath of lubricant			
	Core	Heavy application			
B	Closing	No Lubrication	Galv./Ungalv. Wire Rope	Black (Asphaltum grease)	For special usage and long term storage where maximum protection against corrosion
	Stranding	Light application by dropping method. Internal lubrication is accomplished. Loose wipe			
	Core	Heavier than on Strand. Loose wipe			
C	Closing	No Lubrication	Ungalv. Wire Rope	Black (Asphaltum grease)	Lubrication sets up to a medium hard consistency. Ideal for oilfield, construction equipment and logging use. Lightly tacky to hand touch
	Stranding	Applied during stranding by dropping method and the strand is lubricated again by running it through a bath of lubricant			
	Core	Heavy application. No wipe			
D	Closing	Heavy application No wipe after the "bath" application	Ungalv. Wire Rope	Black (Asphaltum grease)	Wire rope valley is filled with lubrication. For special purpose lubrication of Ungalv. Wire rope where maximum protection against corrosion is desired.
	Stranding	Applied during stranding by dropping method and the strand is lubricated again by running it through a bath of lubricant			
	Core	Heavy application. No wipe			
Non-Tacky C&D	A special Non-Tacky grease is applied by the same method as in the above C and D type.		Ungalv. Wire Rope	Black (Solid Asphaltum grease)	For special purpose lubrication to meet very hard consistency under

CONSTRUCTION BASED INDEX



1 x 19 (Spiral Strand)	P12
1 x 7 (1-6)	P13
3 x 7 (1-6)	P14
3 x 19S (9-9-1)	P15



4 x 7 (1-6) - FC	P16	4 x 36 (1-7-7+7-14) (K) + FC	P20
4 x 19S (9-9-1) + FC (Gondola Rope)	P17	4 x 39 (15-15/9) - FC (Swaged)	P21
4 x 26WS (10-5+5-5-1) - FC	P18		
4 x 36 WS (1-7-7+7-14) + FC (Non Compacted Gondola Rope)	P19		



5 x 19S (9-9-1) + FC (Gondola Rope)	P22
5 x 26WS (10-5+5-5-1) + FC (Gondola Rope)	P23



6 x 7 (6-1) + FC/IWRC	P24	6 x 26WS(10-5+5-5-1)+IWRC (SWAGED ROPE)	P44
6 x 17S(1-8-8)+IWRC	P26	6 x 26W(10-5+5-5-1)-K+FC/IWRC (Compacted Rope)	P46
6 x 19M(12/6-1)+FC/IWRC	P28	6 x 29F(14-7F-7-1)+FC/IWRC	P48
6 x 19M(1-6/12)+FC (Combination Rope)	P30	6 x 31SW(1-6-6+6-12)+FC/IWRC	P50
6 x 19S(9-9-1)+FC/IWRC	P32	6 x 36WS(14-7+7-7-1)+FC/IWRC	P52
6 x 19S(9-9-1)+FC-PVF (Non Compacted Plastic Valley Filled Rope)	P34	6 x 36WS(14-7+7-7-1)-K+IWRC (Compacted Rope)	P54
6 x 19W(1-6-6+6)+IWRC	P36	6 x 37M(18/12/6-1)+FC/IWRC	P56
6 x 21F(10-5F-5-1)+FC/IWRC	P38		
6 x 25F(12-6F-6-1)+FC/IWRC	P40		
6 x 26WS(10-5+5-5-1)+FC/IWRC	P42		



7 x 7(6-1)-WSC	P58
7 x 19M(12/6-1)-WSC	P60
7 x 37(18/12/6-1)-WSC	P62



8 x 19S(9-9-1)+FC/IWRC	P64	8 x 31WS(1-6-6+6-12)-K+IWRC (Compacted Rope)	P82
8 x 19S+8x7+FC (Combi Core)	P66	8 x 36WS(14-7+7-7-1)+FC/IWRC	P84
8 x 19W(6+6-6-1)+FC/IWRC	P68	8 x 36WS(14-7+7-7-1)-K+IWRC (Compacted Rope)	P86
8 x 25F(1-6-6F-12)+FC/IWRC	P70	8 x 37SF(12-12-6F-6-1)K+IWRC-PVF (Compacted Drag Plast Plastic Valley Filled Rope)	P88
8 x 26SW(1-5-5+5-10)+FC/IWRC	P72	8 x 41WS(16-8+8-8-1)+FC/IWRC	P90
8 x 26WS(10-5+5-5-1)+IWRC (Non Compacted Cushion Core Rope)	P74	8 x 49SWS(16-8+8-8-8-1)+FC/IWRC	P92
8 x 26WS(10-5+5-5-1)-K+IWRC (Compacted Cushion Core Rope)	P76		
8 x 26WS(10-5+5-5-1)-K+IWRC (Compacted Rope)	P78		
8 x 36WS(14-7+ 7-7-1)+IWRC (Non Compacted Cushion Core Rope)	P80		



18x7(6-1)+WSC	P94
19x7(6-1)-K+WSC (Compacted Rope)	P96
35x7(6-1)-K+WSC (Compacted Rope)	P98
35x7(6-1)+WSC (Non Compacted Rope)	P100

APPLICATION BASED INDEX



1 x 19 (Spiral Strand)	P12
5 x 19S (9-9-1) - FC (Gondola Rope)	P22
6 x 7 - FC+IWRC	P24
6 x 19M (12/6-1) - FC+IWRC	P28
6 x 19S (9-9-1) - FC+IWRC	P32
6 x 25F (12-6F-6-1) - FC + IWRC	P40
6 x 26WS (10-5+5-5-1) - FC + IWRC	P42
6 x 29F (14-7F-7-1) - FC + IWRC	P48
6 x 31 SW (1-6-6+6-12) - FC + IWRC	P50
6 x 36WS (14-7+7-7-1) - FC + IWRC	P52
6 x 37M (18/12/6-1) - FC + IWRC	P56
7 x 7 (6-1) WSC	P58
7 x 19M (12/6-1) - WSC	P60
7 x 37(18/12/6-1) - WSC	P62



6 x 7 (6-1) - FC + IWRC	P24
6 x 26 WS (10-5+5-5-1) - FC + IWRC	P42
6 x 36 WS (14-7+7-7-1) - FC + IWRC	P52
8 x 37 SF (12-12-6F-6-1)-IWRC+PVF(K) (Non Compacted Drag Plast Plastic Valley Filled Rope)	P88



1 x 7 (1-6)	P13
3 x 7 (1-6)	P14
3 x 19S (9-9-1)	P15
4 x 7 (1-6) - FC	P16



3 x 19S (9-9-1)	P15
4 x 26WS (10-5+5-5-1) - FC	P18
6 x 7 (6-1) - FC	P24
6 x 19M (12/6-1) - FC	P28
6 x 19S (9-9-1) - FC	P32
6 x 19S (9-9-1) - FC - PVF (Non Compacted Plastic Valley Filled Rope)	P34
6x19M(1-6/12)-FC (Combination Rope)	P30
6 x 21F (10-5F-5-1) - FC + IWRC	P38
6 x 26WS (10-5+5-5-1) - K - FC + IWRC	P46



6 x 19S (9-9-1) - FC + IWRC	P32
6 x 37M (18/12/6-1) - FC + IWRC	P56
35 x 7 (1-6) WSC (Non Compacted)	P100



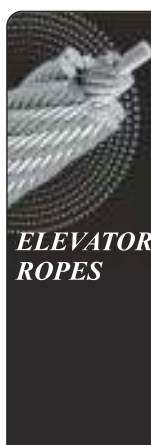
4 x 39 (15-15/9) - FC (Swaged)	P21
6 x 37M (18/12/6-1) - FC + IWRC	P56
8 x 25F(1-6-6F-12)-FC/IWRC	P70
8 x 26 SW (1-5-5+5-10) - FC + IWRC	P72
8 x 36WS (14-7+7-7-1) - FC + IWRC	P84
8 x 41WS (16-8+8-8-1) - FC + IWRC	P90
8 x 49SWS(16-8+8-8-8-1) - FC+IWRC	P92



6 x 19M (12/6-1) - FC + IWRC	P28
6 x 19M(12/6-1) - FC (Combination Rope)	P30
6 x 37M (18/12/6-1) - FC + IWRC	P56
7 x 19M (12/6-1) - WSC	P60
7 x 37(18/12/6-1)-WSC	P62



6 x 26WS (10-5+5-5-1) - IWRC (Swaged)	P44
6 x 26WS (10-5+5-5-1) - K - FC + IWRC	P46



4 x 19S (9-9-1) - FC (Gondola Rope)	P17
4 x 36 WS (1-7-7+7-14) - FC (Gondola Rope)	P19
4 x 36 (1-7-7+7-14) (K) - FC	P20
5 x 19S (9-9-1) - FC (Gondola Rope)	P22
5 x 26WS (10-5+5-5-1) - FC (Gondola Rope)	P23
6 x 17S (1-8-8) - IWRC (Governor Rope)	P26
6 x 19S (9-9-1) - IWRC	P32
6 x 19W (1-6-6+6) - IWRC	P36
6 x 25F (12-6F-6-1) - FC	P40
8 x 19S (9-9-1) - FC + IWRC	P64
8 x 19S + 8 x 7 - FC (COMBI-Core)	P66
8 x 19W (6+6-6-1) - FC + IWRC	P68



4 x 39 (15-15/9) - FC (Swaged)	P21
6 x 17S (8-8-1) - IWRC (Governor Rope)	P26
6 x 19S (9-9-1) - FC	P32
6 x 26WS (10-5+5-5-1) - FC + IWRC	P42
6 x 29F (14-7F-7-1) - FC + IWRC	P48
6 x 31 SW (1-6-6+6-12) - FC + IWRC	P50
6 x 36 WS (14-7+7-7-1) - FC + IWRC	P52
6 x 36 WS (14-7+7-7-1) - IWRC (K)	P54
8 x 25F(1-6-6F-12) - FC/IWRC	P70
8 x 26 WS (10-5+5-5-1) - IWRC (K)	P74
(Non Compacted Cushion Core Rope)	
8 x 26 WS (10-5+5-5-1) - IWRC (Compacted Cushion Core Rope)	P76
8 x 26 WS (10-5+5-5-1) - IWRC (K) (Compacted Rope)	P78
8 x 26 SW (1-5-5+5-10) - FC + IWRC	P72
8 x 31 WS (12-6+6-6-1)-IWRC (K) Comp.	P82
8 x 36WS (14-7+7-7-1) - FC + IWRC	P84
8 x 36WS (14-7+7-7-1) - IWRC (K) Comp.	P86
8 x 36WS (14-7+7-7-1) - IWRC (Non Compacted Cushion Core Rope)	P80
18 x 7 (6-1) WSC	P94
19 x 7 (6-1)+WSC (K)	P96
35 x 7 (6-1)+WSC (K)	P98
35 x 7 (6-1) + WSC	P100

INDIROPE STRAND 1x19

STRAND

NOTE:-
Sizes and Values not shown below
are also available on request

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SPECIFICATIONS (USP)

- High fatigue resistance
- Torque balance due to cross/contra laying
- Good clamping capabilities
- High breaking load
- High axial stiffness

FINISH

- Galvanised

AVAILABLE IN

- RHL (Right hand lay)
- LHL (Left hand lay)

APPLICATIONS



GENERAL
STRUCTURAL
STRANDS

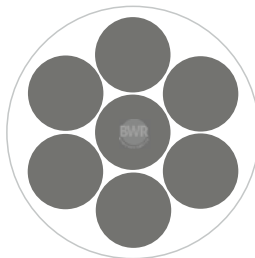
Construction	Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)	
			1570	1770
1X19	8	30.9	53	60
	10	48.4	82	93
	12	68.6	119	134
	13	81.7	139	157
	14	94.4	162	182
	15	109	186	209
	16	123	211	238
	18	157	267	301
	20	193	330	372
1X37	22	237	394	444
	24	281	469	529
	26	330	550	620
	30	440	732	826
	36	632	1055	1189

Construction	Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)	
			1570	1770
1X61	32	495	823	928
	34	559	929	1048
	36	626	1042	1175
	38	697	1161	1309
	40	772	1286	1450
	42	851	1418	1599
	45	976	1628	1835
1X91	40	780	1283	1447
	42	860	1415	1595
	45	986	1624	1831
	48	1121	1848	2083
	51	1265	2086	2352
1X127	54	1417	2339	2636
	57	1581	2606	2937
	60	1751	2887	3254
	64	1993	3285	3703
	66	2119	3494	3938

INDIROPE 1 x 7 (6-1)

STRAND

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- High axial stiffness
- High fatigue resistance
- Robust construction

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHL (Right hand lay)
- LHL (Left hand lay)

APPLICATIONS



GENERAL
STRUCTURAL
STRANDS

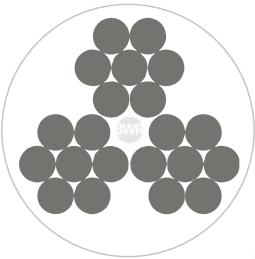
Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)	
		1570	1770
2.1	0.021	3.71	4.19
4	0.078	13.40	15.10
6	0.175	31.00	34.10
8	0.312	55.00	61.00
10	0.487	85.00	94.50
12	0.701	123.00	136.00
14	0.954	167.00	186.00

INDIROPE

3x7(1-6)

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
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SPECIFICATIONS (USP)

- Robust construction
- High Quality
- Consistent performance

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



FENCING
HIGHWAY
SAFETY BARRIERS

Normal Diameter (mm)	Approximate Mass (Kg/100m)	MBL(kN)
10	0.34	48.0
12	0.49	69.0
14	0.66	94.0
16	0.87	123.0
18	1.10	156.0
19	1.22	173.56
20	1.35	192.0
22	1.64	232.0
24	1.95	276.0
26	2.28	325.0
28	2.65	376.0
30	3.04	432.0

INDIROPE

3x19S(9-9-1)

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

SPECIFICATIONS (USP)

- Robust construction
- High Quality
- Consistent performance

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



FENCING
HIGHWAY
SAFETY BARRIERS



FISHING
TRAWLER
WRAPS

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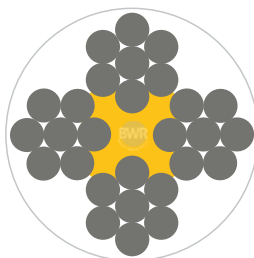


Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)
		1570
12	50.9	69
14	69.3	94
16	90.5	123
18	114.6	156
20	141.4	192
22	171.1	232
24	203.7	276
26	239.0	324
28	277.2	376
30	318.2	432
32	362.1	492

INDIROPE 4X7(1-6)+FC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- High Quality
- Consistent Performance
- Rotation Resistant

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



FENCING
HIGHWAY
SAFETY BARRIERS

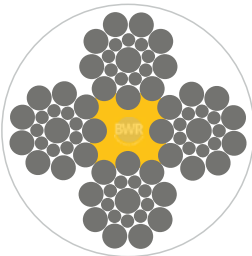
Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)	
		1770	1960
8	0.24	37.5	41
9	0.30	47	52
10	0.37	58	64
11	0.45	70	77
12	0.54	84	92
13	0.63	98	108
14	0.73	114	125
16	0.95	148	164
18	1.21	188	207
19	1.34	209	231
20	1.49	232	256
22	1.80	281	310
24	2.14	334	369
26	2.51	392	433
28	2.92	455	502
30	3.35	522	
32	3.81	594	

INDIROPE

4X19S (1-9-9) + FC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Specially recommended for Gondola application
- Abrasion-resistant
- Crush-resistant
- Long-lasting, low maintenance operation on traction hoist equipment

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



GANDOLA
ROPES

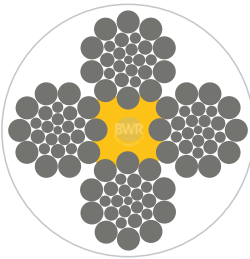
Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
12	55.9	86	95	105
14	76.1	117	129	143
16	99.4	153	169	186
18	125.7	193	214	236
20	155.2	238	264	291
22	187.8	288	319	352
24	223.5	343	380	419
26	262.4	403	446	492
28	304.3	467	517	571
30	349.3	536	594	655
32	397.4	610	676	745

INDIROPE

4X26WS (10-5+5-5-1)+FC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- High Quality
- Consistent Performance
- Rotation Resistant

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



FISHING
TRAWLER
WRAPS

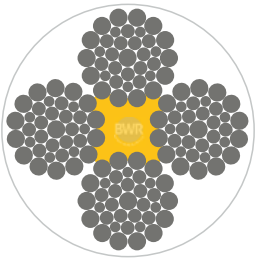
Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
12	57	91	100	111
14	78	123	137	151
16	102	161	178	197
18	129	204	226	249
20	159	252	279	308
22	192	305	337	373
24	229	363	401	444
26	268	426	471	521
28	311	494	546	604
30	357	567	627	693
32	407	645	714	788

INDIROPE

4X36WS (1-7-7+7-14) + FC

NON COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Specially recommended for Gondola application
- Abrasion-resistant
- Crush-resistant
- Long-lasting, low maintenance operation on traction hoist equipment

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



GANDOLA
ROPES

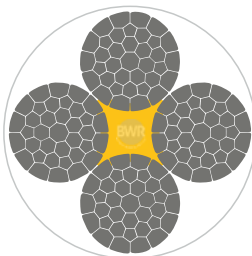
Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
20	163	252	279	308
22	197	305	337	373
24	235	363	401	444
26	276	426	471	521
28	320	494	546	604
30	367	567	627	693
32	418	645	714	788
34	472	728	806	890
36	529	816	903	998
38	589	910	1006	1112
40	653	1008	1115	1232

INDIROPE

K-4X36 (1-7-7+7-14) + FC

COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Rotation resistant hoisting
- High breaking strength with compacted strands.
- Excellent resistant to abrasion and crushing on multi layer drum spooling.
- Easier for handling, installation.
- For tough / harsh working conditions

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



SHIPPING
SHIP
CRANE

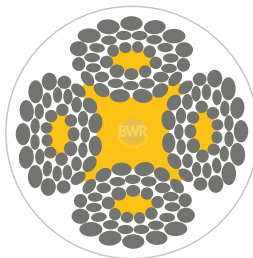


Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
20	182	283	313	345
22	220	342	379	417
24	262	408	452	498
26	307	478	529	583
28	356	554	614	676
30	409	636	704	776
32	465	724	801	883
34	525	817	905	997
36	588	916	1014	1118
38	656	1021	1130	1245
40	726	1131	1252	1380

INDIROPE 4X39 (15-15/9) + FC

SWAGED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Rotation Resistance
- High Breaking Strength
- Swaged Rope

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



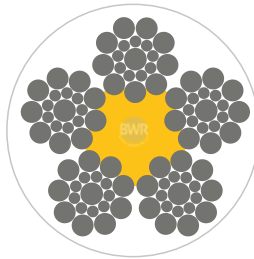
SHIPPING
SHIP
CRANE

Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
10	39.75	62	69	71
12	57.24	89	99	103
14	77.91	121	134	140
16	101.76	158	176	183
18	128.79	199	222	231
20	159.00	246	274	285
22	192.39	298	332	345
24	228.96	355	395	411
26	268.71	416	464	482
28	311.64	483	538	560
30	357.75	554	618	642
32	407.04	631	703	731
33.5	446.09	691	770	801
34	459.51	712	793	825
36	515.16	798	889	925
38	573.99	889	991	1031
40	636.00	985	1098	1142

INDIROPE 5X19S (1-9-9) + FC

CONDOLA ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Specially recommended for Gondola application
- Abrasion-resistant
- Crush-resistant
- Long-lasting, low maintenance operation on traction hoist equipment

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)

APPLICATIONS



GANDOLA
ROPES



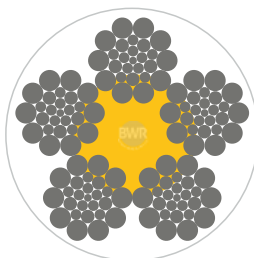
GENERAL
STRUCTURAL
STRANDS

Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	23	37	41	46
10	36	58	65	71
12	52	84	93	103
14	70	114	127	140
16	92	150	166	183
18	116	189	210	231
20	144	234	259	285
22	174	283	313	345
24	207	336	373	411
26	243	395	437	482
28	281	458	507	559
30	323	526	582	642
32	368	598	663	730

INDIROPE 5X26WS (10-5+5-5-1) + FC

CONDOLA ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



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SPECIFICATIONS (USP)

- Specially recommended for Gondola application
- Abrasion-resistant
- Crush-resistant
- Long-lasting, low maintenance operation on traction hoist equipment

FINISH

- Galvanised
- Ungalvanised

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)

APPLICATIONS



ELEVATOR
ROPES

Normal Diameter mm	Approximate Mass Kg/100m	MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	23	37	41	46
10	36	58	65	71
12	52	84	93	103
14	71	114	127	140
16	92	150	166	183
18	117	189	210	231
20	144	234	259	285
22	174	283	313	345
24	207	336	373	411
26	243	395	437	482
28	282	458	507	559
30	324	526	582	642
32	369	598	663	730



INDIROPE-6x7(6-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- Low Flexibility

FINISH

- Galvanised
- Ungalvanised

INDIROPE-6x7(6-1) - FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

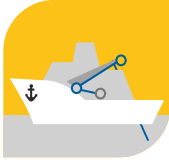


IWRC

APPLICATIONS



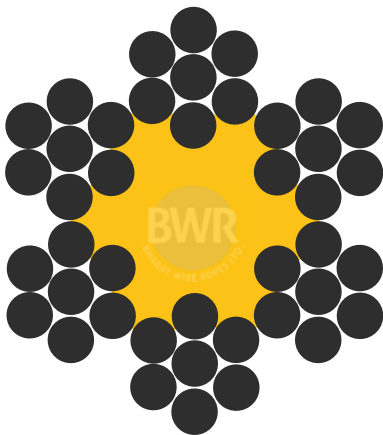
GENERAL
STRUCTURAL
STRANDS



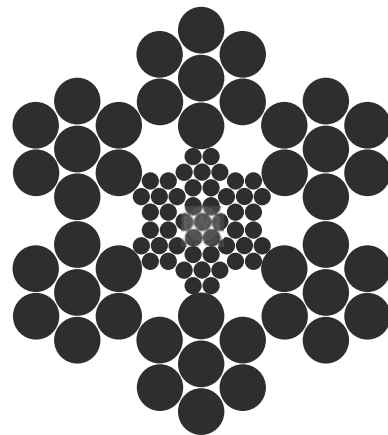
FISHING
TRAWLER
WRAPS



MINING
DRAGLINE DRAG
AND HOIST



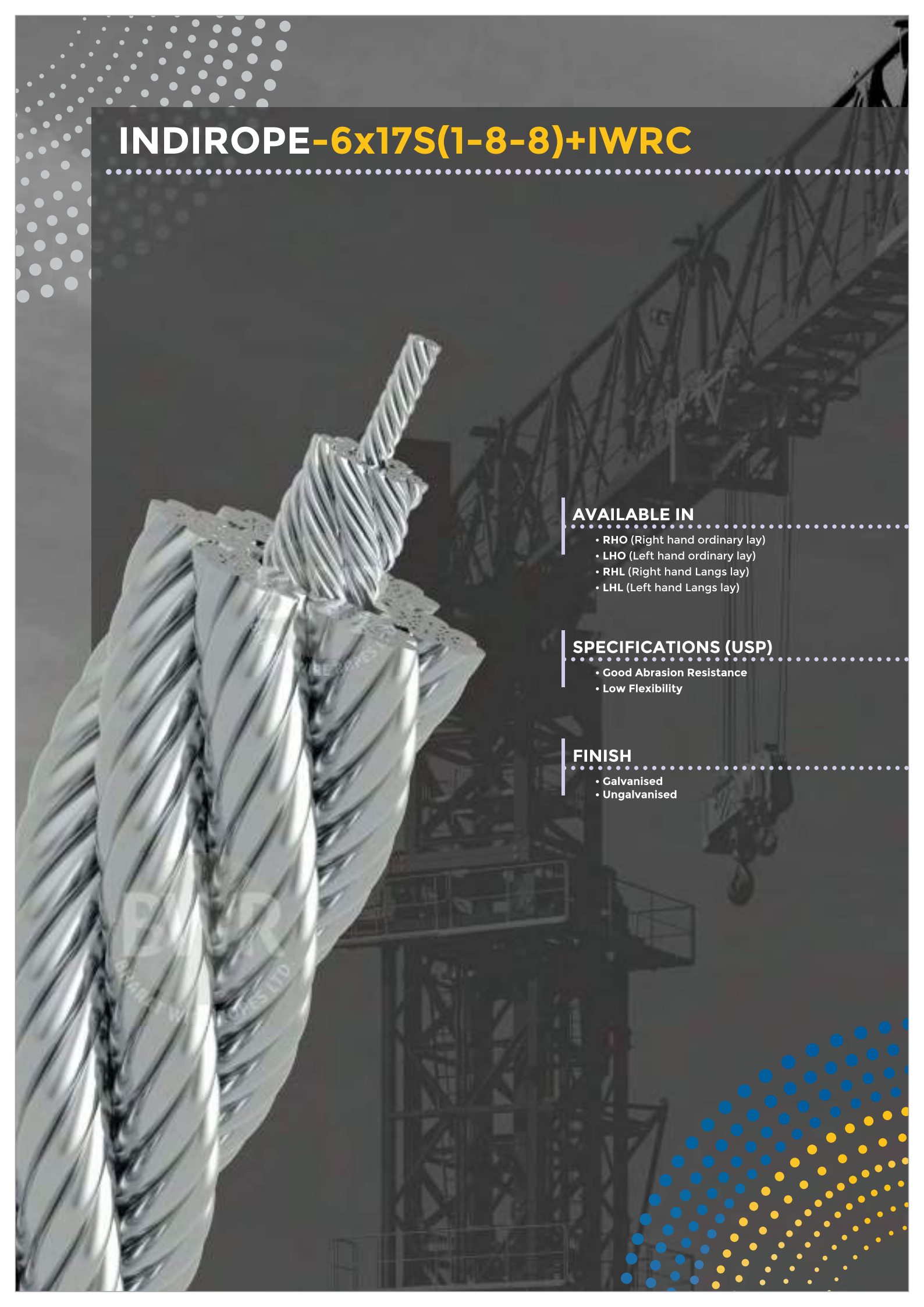
FC



IWRC

6X7(6-1) - FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	12.8	21	23
8	22.6	38	42
9	28.9	48	53
10	35.6	59	65
11	43.2	71	79
12	51	85	94
13	58.6	99	110
14	69.2	115	128
16	90.8	151	167
18	115	191	211
20	141	235	260
22	169	285	315
24	203	339	375
26	237	397	440
28	275	461	510
32	359	602	667
36	454	762	844
40	560	941	1042

6X7(6-1) - IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	14.2	23	25
8	25.2	41	45
9	31.8	51	57
10	39.3	64	70
11	47.6	77	85
12	56.6	91	101
13	66.4	107	119
14	77	124	138
16	101	163	180
18	127	206	228
20	157	254	281
22	190	307	340
24	226	366	405
26	266	429	475
28	308	498	551
32	403	650	720
36	509	823	911
40	629	1016	1125



INDIROPE-6x17S(1-8-8)+IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- Low Flexibility

FINISH

- Galvanised
- Ungalvanised

INDIROPE-6x17S(1-8-8)+IWRC

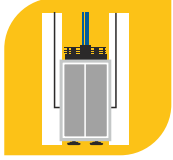
GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

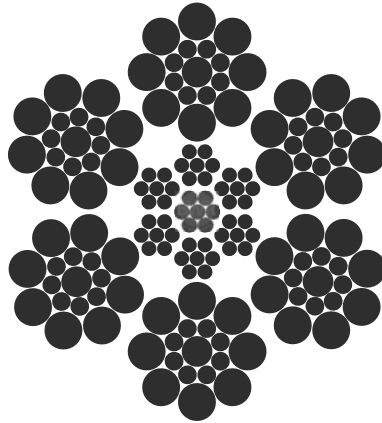
APPLICATIONS



**GOVENER
ROPES**



CRANE
MOBILE LATTICE
BOOM CRANES



IWRC

6X17S-IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	14.5	22.7	25.1
8	26	40.3	44.7
10	40.5	63	69.8
12	58.6	90.7	100
14	78.9	124	137
16	103	161	179
18	131	204	226
19	145	227	252
20	161	252	279
22	195	305	338
24	232	363	402
25	252	394	436
26	271	426	472
28	315	494	547
30	361	567	628
32	413	645	715
34	465	728	807
36	522	817	904
38	580	910	1008
40	652	1008	1116

INDIROPE-6x19M(12/6-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Good Abrasion Resistance
- Low Flexibility

IWRC

- Good Abrasion Resistance
- Low Flexibility
- Better Crush Resistance

FINISH

- Galvanised
- Ungalvanised

INDIROPE-6x19M(12/6-1) - FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

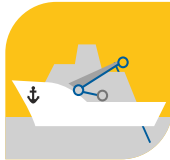


IWRC

APPLICATIONS



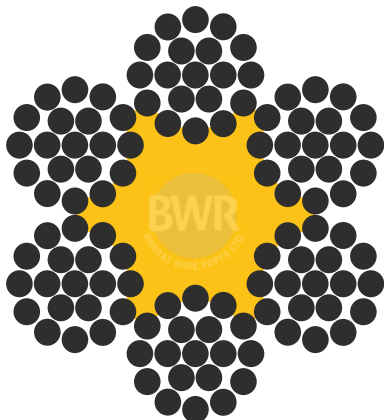
GENERAL
STRUCTURAL
STRANDS



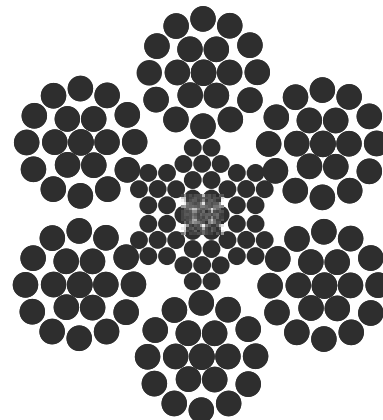
FISHING
TRAWLER
WRAPS



SLINGS



FC



IWRC

6X19M+FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	12.3	19.6	21.7
8	22.8	34.8	38.5
10	35.7	54.3	60.2
12	50.1	78.2	86.6
14	68.6	107	118
16	88.2	139	154
18	112	176	195
19	126	196	217
20	139	217	241
22	168	263	291
24	205	313	347
25	219	340	376
26	236	367	407
28	274	426	472
30	321	489	542
32	358	556	616
34	404	628	696
36	454	704	780
38	506	785	869
40	561	869	963

6X19M+IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	14.4	21	23
8	25.6	38	42
10	41.6	59	65
12	56.3	85	94
14	76.7	115	128
16	98.8	150	167
18	125	190	211
19	141	212	235
20	155	235	260
22	188	284	315
24	229	338	375
25	245	367	407
26	272	397	440
28	306	461	510
30	351	529	585
32	410	602	666
34	451	679	752
36	506	761	843
38	564	848	939
40	627	940	1041

INDIROPE-6x19M(1-6/12)+FC

COMBINATION ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Used in trawl fishing, slings, Climbing nets
- Standard Blue color PP yarn.
(Customised color can be provided on demand)
- Excellent resistance to abrasion
- Longer useful life

FINISH

- Galvanised

BWR
BUREAU WIRE ROPE

INDIROPE-6x19M(1-6/12)+FC

COMBINATION ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

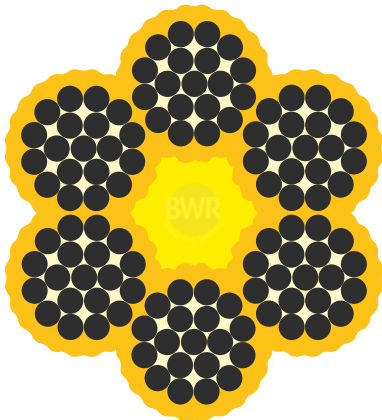
APPLICATIONS



FISHING
TRAWLER
WRAPS

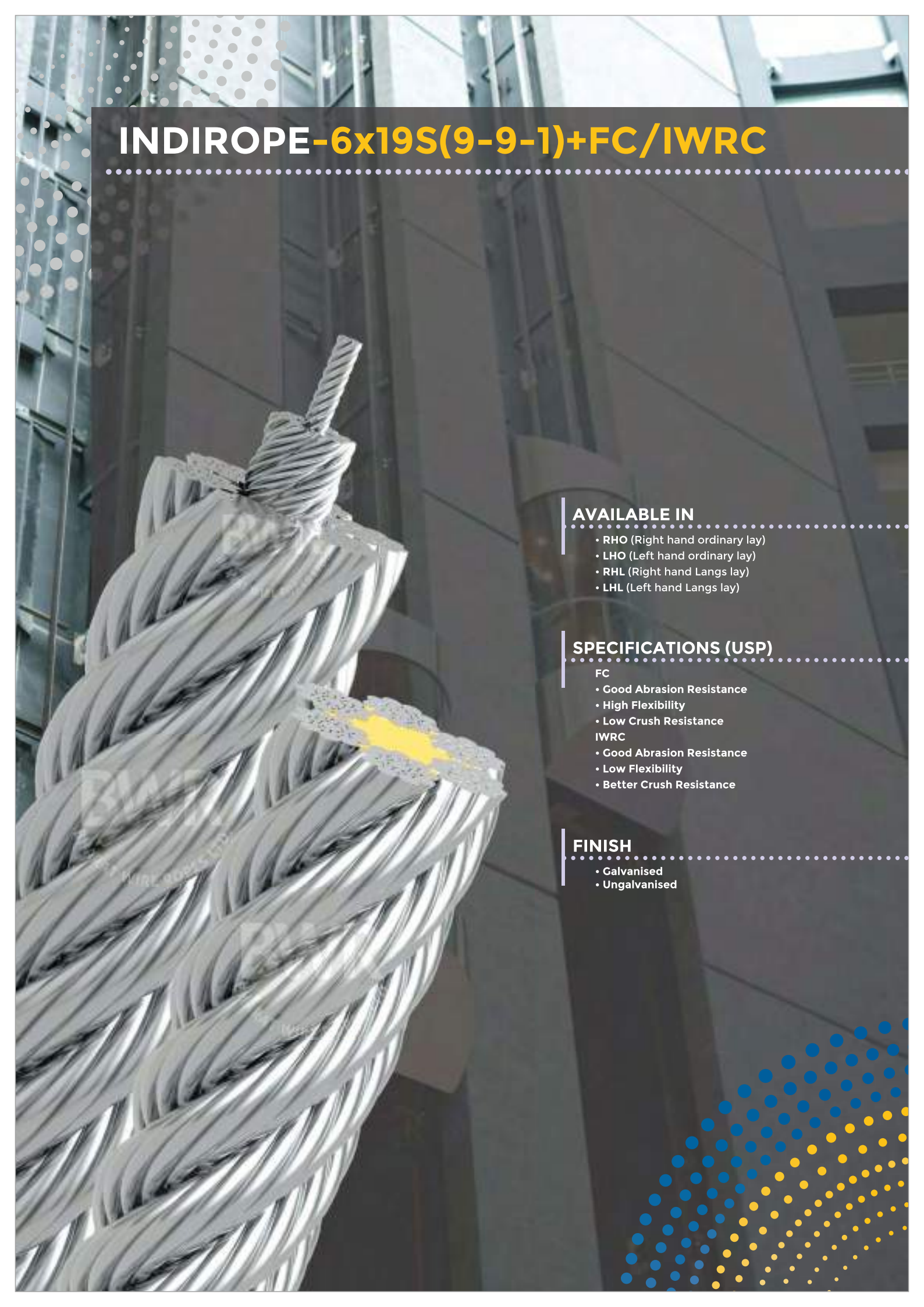


SLINGS



FC

6x19M+FC (Combination Rope)		MBL(kN)		
Dia (mm)	Kg/100m	1570	1770	1960
10	0.20	24	27.5	30
12	0.29	35	39.6	44
14	0.40	48	54	60
16	0.52	62	70.4	78
18	0.65	79	89	99
20	0.81	98	110	122
22	0.98	118	133	147
24	1.16	140	158	175
26	1.36	164	185	205
28	1.58	192	216	239
30	1.82	219	247	274
32	2.07	249	281	311



INDIROPE-6x19S(9-9-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Good Abrasion Resistance
- High Flexibility
- Low Crush Resistance

IWRC

- Good Abrasion Resistance
- Low Flexibility
- Better Crush Resistance

FINISH

- Galvanised
- Ungalvanised

INDIROPE-6x19S(9-9-1) - FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC



IWRC

APPLICATIONS



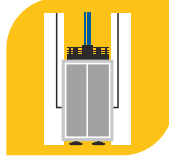
GENERAL
STRUCTURAL
STRANDS



FISHING
TRAWLER
WRAPS



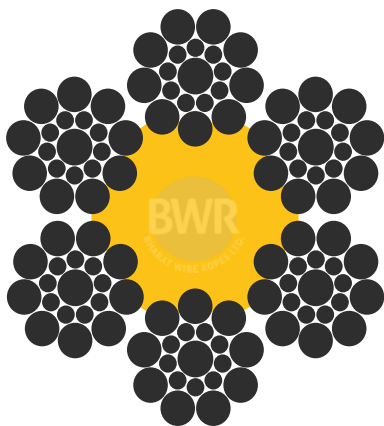
CRANE
MOBILE LATTICE
BOOM CRANES



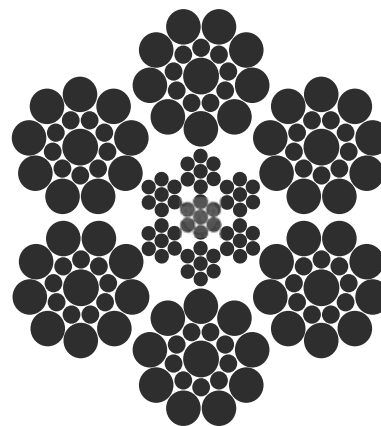
ELEVATOR
ROPES



OIL & GAS
DRILL LINES



FC



IWRC

6X19S(9-9-1)+FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	13.5	21	23
8	23.8	37	41
10	37.1	58	65
12	53.8	84	93
13	61.7	99	109
14	71	114	127
16	94.8	150	166
18	120	189	210
19	132	211	233
20	149	234	259
22	175	283	313
24	212	336	373
25	229	365	404
26	248	395	437
28	288	458	507
30	335	526	582
32	376	598	662
34	423	675	748
36	474	757	838
38	528	843	934
40	590	935	1035
42	661	1030	1141
44	723	1131	1252
46	790	1236	1369
48	854	1346	1490
50	916	1460	1617
51	954	1519	1682
52	991	1579	1749
54	1070	1703	-

6X19S(9-9-1)+IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
6	15.1	23	25
8	26.5	40	45
10	41.4	63	70
12	59.9	91	100
13	68.8	106	118
14	79	124	137
16	105	161	179
18	133	204	226
19	146	227	252
20	165	252	279
22	195	305	338
24	235	363	402
25	255	394	436
26	276	426	472
28	319	494	547
30	371	567	628
32	417	645	715
34	470	728	807
36	527	817	904
38	586	910	1008
40	654	1008	1116
42	709	1112	1231
44	802	1220	1351
46	876	1333	1476
48	948	1452	1608
50	1007	1575	1744
51	1049	1639	1815
52	1089	1704	1887
54	1176	1837	2035

INDIROPE-6x19S(9-9-1)+FC-PVF

NON COMPACTED PLASTIC VALLEY FILLED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Increased Abrasion Resistance
- Extended Sheave & Drum Service Life
- Increased Corrosion Protection

FINISH

- Galvanised

INDIROPE-6x19S(9-9-1)+FC-PVF

NON COMPACTED PLASTIC VALLEY FILLED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

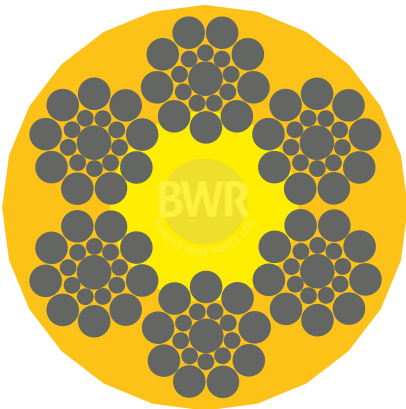


IWRC

APPLICATIONS

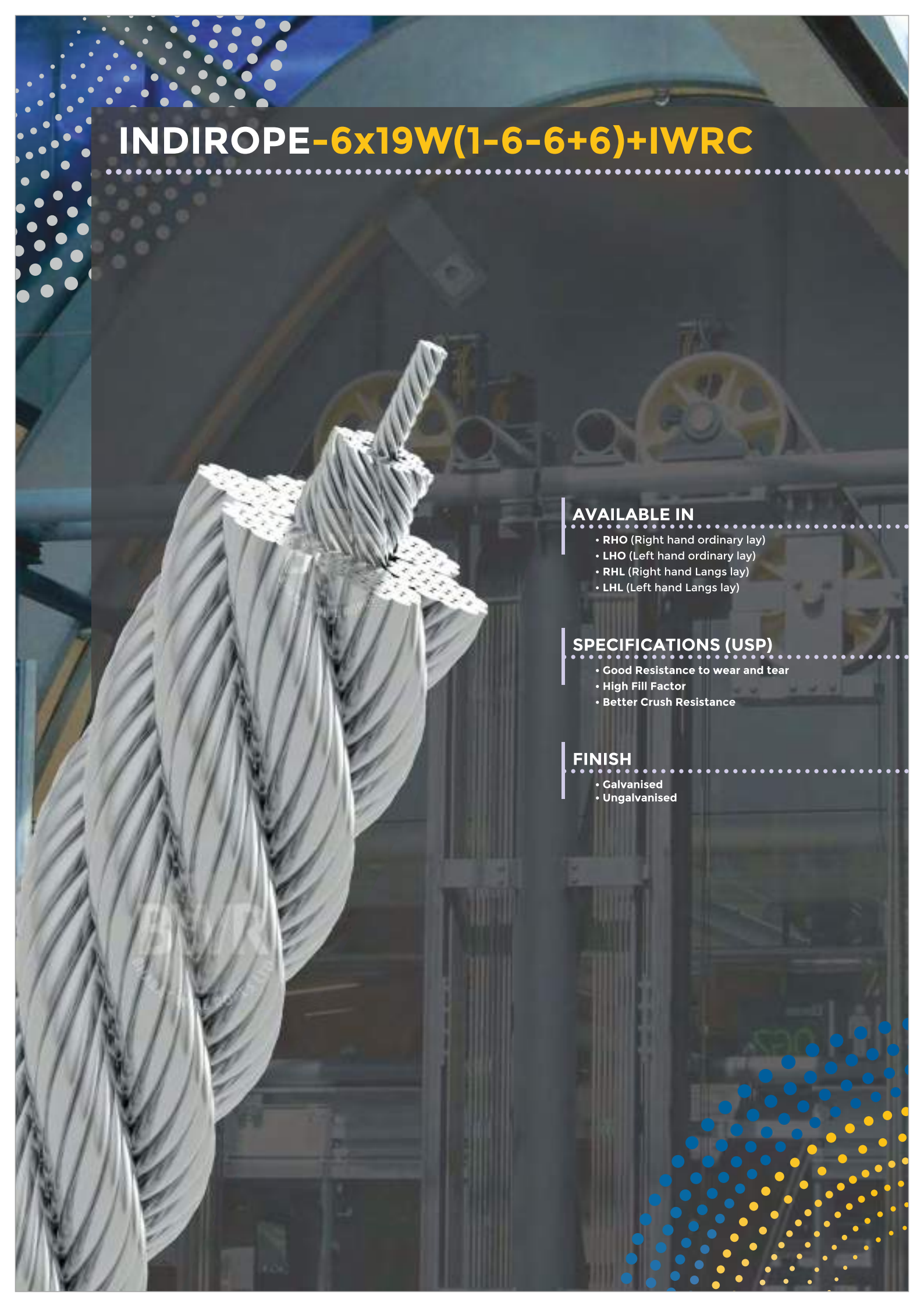


FISHING
TRAWLER
WRAPS



FC

6x19S+FC+PVF		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
10	40.2	59	64.7
11	48.2	71	78
12	57.3	84	93
13	65.3	99	109
14	74.3	115	127
15	87.3	132	146
16	98.9	150	166



INDIROPE-6x19W(1-6-6+6)+IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Resistance to wear and tear
- High Fill Factor
- Better Crush Resistance

FINISH

- Galvanised
- Ungalvanised

INDIROPE-6x19W(1-6-6+6)+IWRC

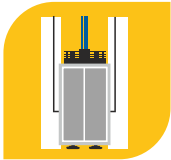
NON COMPACTED PLASTIC VALLEY FILLED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

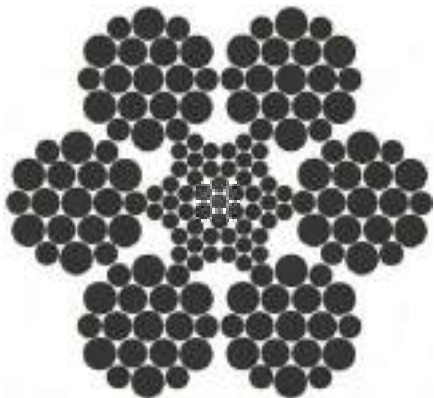


IWRC

APPLICATIONS



GOVENER
ROPES



FC

6x19W-IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	0.26	40.3	44.7	49.2
9	0.33	51	56.5	62.3
10	0.41	63	69.8	76.9
11	0.50	76.2	84.4	93
12	0.59	90.7	100	111
13	0.69	106	118	130
14	0.81	124	137	151
16	1.05	161	179	197
18	1.33	204	226	249
19	1.48	227	252	278
20	1.64	252	279	308
22	1.99	305	338	372
24	2.37	363	402	443
26	2.78	426	472	520
28	3.22	494	547	603
30	3.70	567	628	692
32	4.21	645	715	787
34	4.75	728	807	889
36	5.33	817	904	997
38	5.93	910	1008	1110
40	6.58	1010	1120	1230
44	7.96	1220	1350	-
46	8.70	1333	1476	-
48	9.47	1450	1610	-
52	11.11	1700	1890	-
56	12.89	1980	-	-
60	14.80	2270	-	-



INDIROPE-6x21F(10-5F-5-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Good Resistance to wear and tear
- High Flexibility

IWRC

- Good Resistance to wear and tear
- High Fill Factor
- Better Crush Resistance

FINISH

- Galvanised

INDIROPE-6X21F(10-5F-5-1) - FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

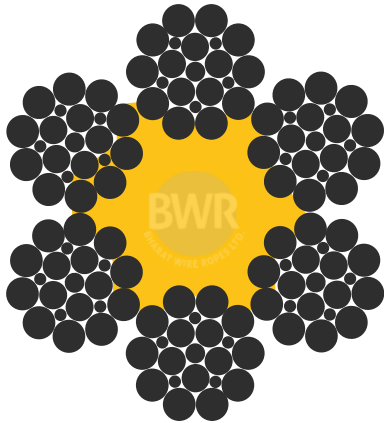


IWRC

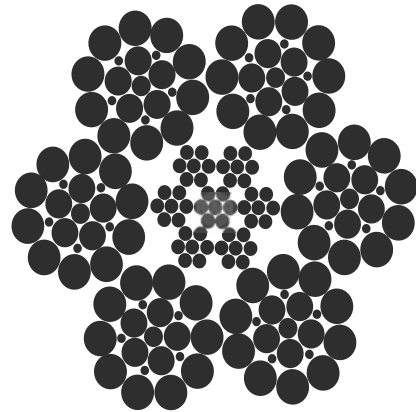
APPLICATIONS



FISHING
TRAWLER
WRAPS



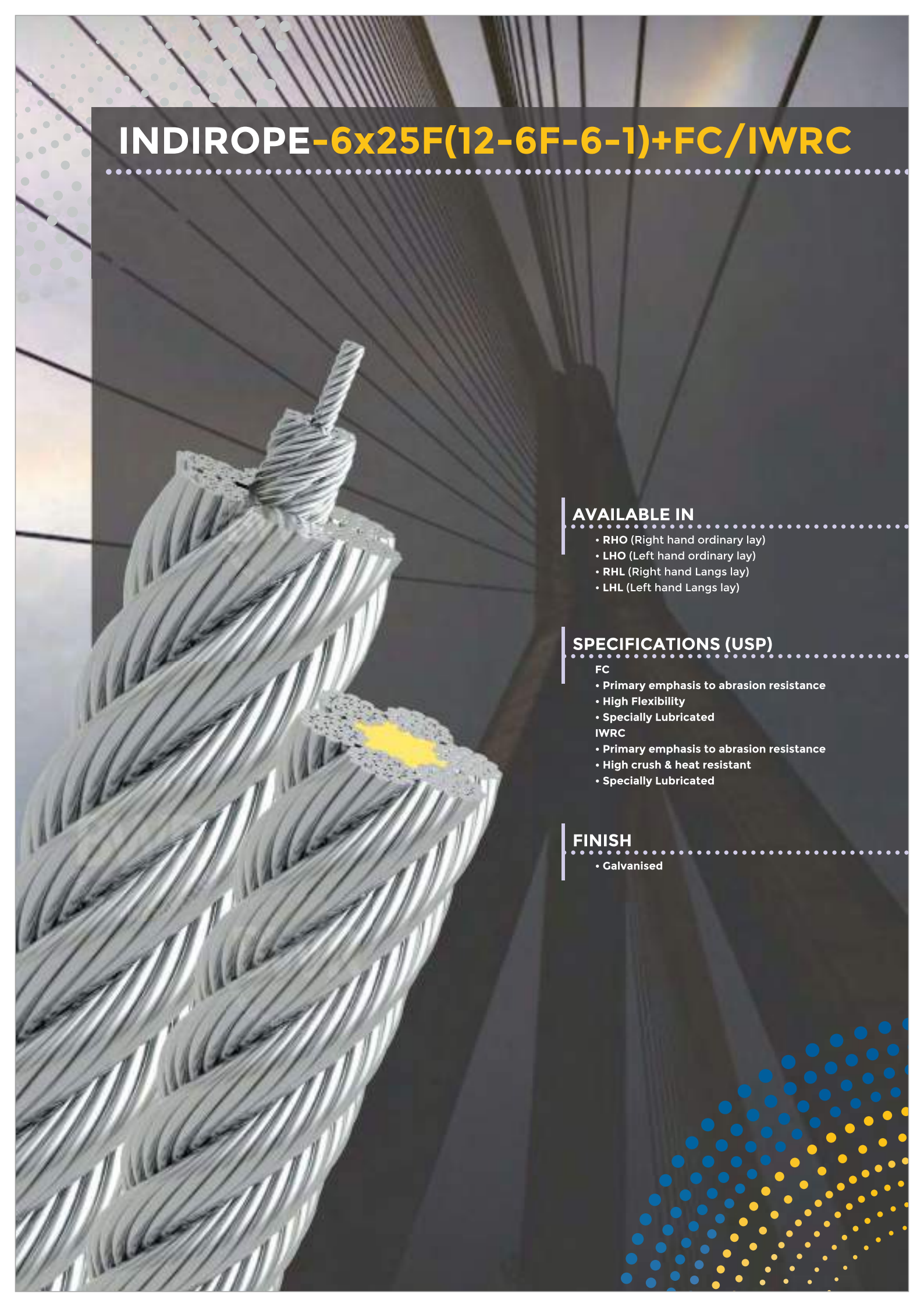
FC



IWRC

6X21F+FC		MBL(kN)			
Dia	Kg/100m	1570	1770	1960	2160
8	23.4	34	38	42	47
9	29.6	43	48	54	59
10	36.6	53	60	66	73
11	44.2	64	72	80	88
12	52.6	76	86	95	105
13	61.8	90	101	112	123
14	71.7	104	117	130	143
16	93.6	136	153	169	187
18	118.5	172	194	214	236
19	132.0	191	216	239	263
20	146.2	212	239	265	292
22	177.0	257	289	320	353
24	210.6	305	344	381	420
26	247.1	358	404	447	493
28	286.6	416	469	519	572
32	374.4	543	612	678	747

6X21F+IWRC		MBL(kN)			
Dia (mm)	Kg/100m	1570	1770	1960	2160
8	26.8	37	41	46	50
9	33.9	46	52	58	64
10	41.8	57	65	71	79
11	50.6	69	78	86	95
12	60.2	82	93	103	113
13	70.7	97	109	121	133
14	82	112	127	140	154
16	107	147	165	183	202
18	135	186	209	232	255
19	151	207	233	258	284
20	167	229	258	286	315
22	202	277	312	346	381
24	241	330	372	412	454
26	283	387	436	483	533
28	328	449	506	560	618
32	428	586	661	732	807



INDIROPE-6x25F(12-6F-6-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Primary emphasis to abrasion resistance
- High Flexibility
- Specially Lubricated

IWRC

- Primary emphasis to abrasion resistance
- High crush & heat resistant
- Specially Lubricated

FINISH

- Galvanised

INDIROPE-6x25F(12-6F-6-1)+FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

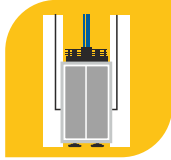


IWRC

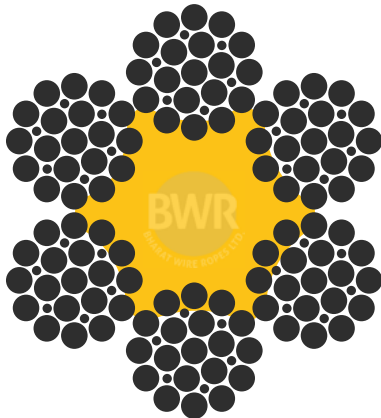
APPLICATIONS



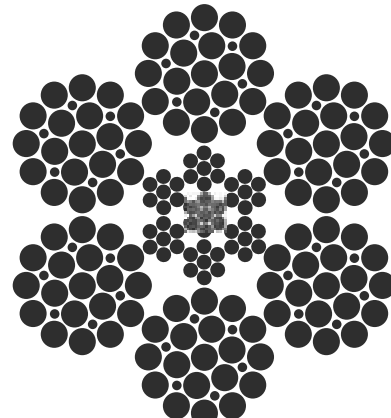
**GENERAL
STRUCTURAL
STRANDS**



**GOVERNOR
ROPES**



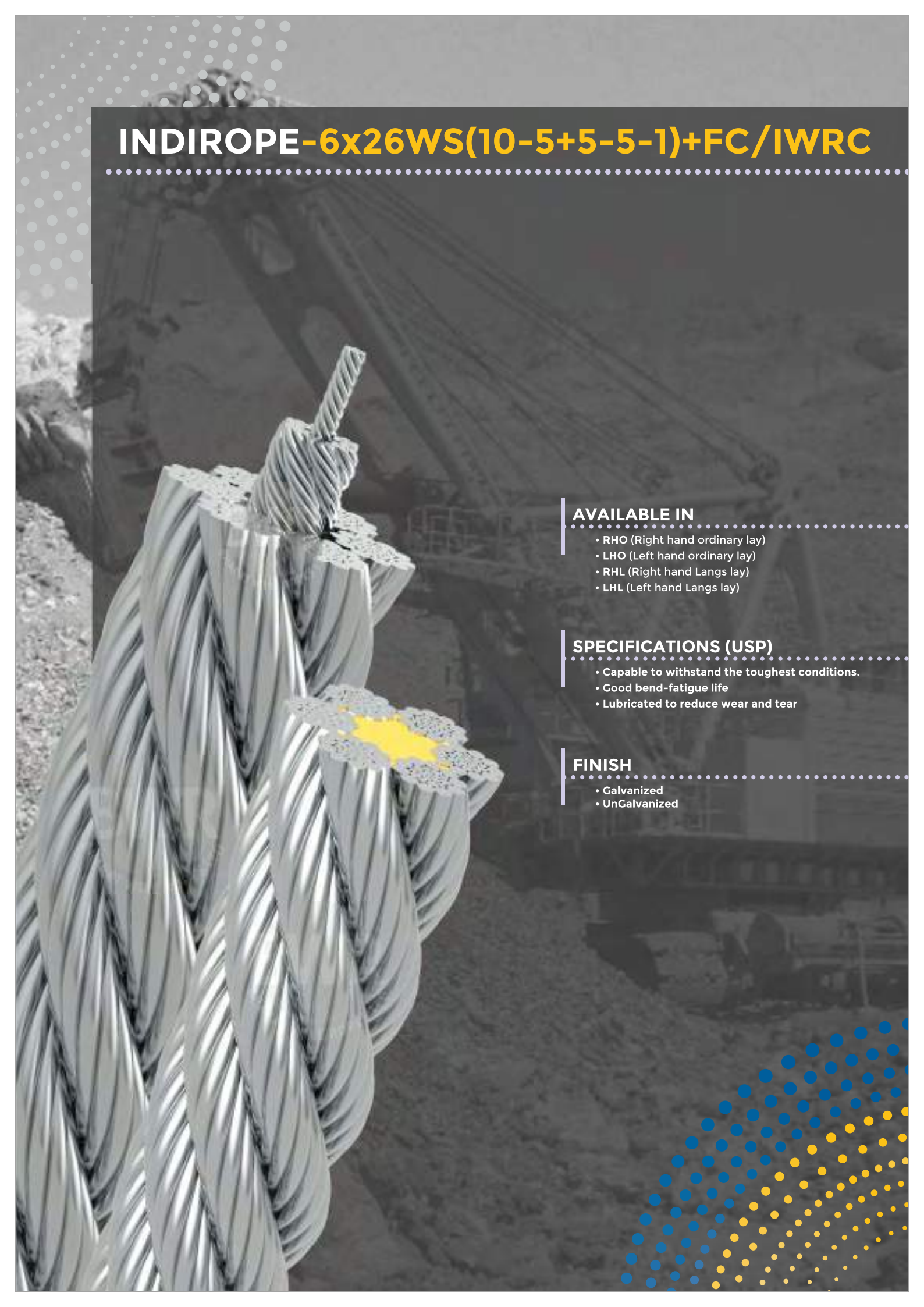
FC



IWRC

6X25F+FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
8	23.4	37	41
10	37.6	58	65
12	52.9	84	93
13	62.9	99	109
14	71.9	114	127
16	93.5	150	166
18	119	189	210
19	134	211	233
20	148	234	259
22	178	283	313
24	213	336	373
26	249	395	437
28	291	458	507
32	378	598	662
34	432	675	748
36	483	757	838
38	538	843	934
40	606	935	1035
44	722	1131	1252
46	793	1236	1369
48	864	1346	1490
52	1015	1579	1749
56	1175	1832	2028
60	1350	2103	2328

6X25F+IWRC		MBL(kN)	
Dia	Kg/100m	1770	1960
8	26.1	40	45
10	42.5	63	70
12	59.9	91	100
13	70	106	118
14	81.1	124	137
16	105	161	179
18	134	204	226
19	148	227	252
20	166	252	279
22	201	305	338
24	240	363	402
26	281	426	472
28	327	494	547
32	425	645	715
34	479	728	807
36	535	817	904
38	604	910	1008
40	670	1008	1116
44	813	1220	1351
46	880	1333	1476
48	959	1452	1608
52	1126	1704	1887
56	1304	1976	2188
60	1498	2268	2512



INDIROPE-6x26WS(10-5+5-5-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Capable to withstand the toughest conditions.
- Good bend-fatigue life
- Lubricated to reduce wear and tear

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x26WS(10-5+5-5-1)+FC/IWRC

GENERAL ROPE

NOTE:-

Sizes and Values not shown below
are also available on request



FC



IWRC

APPLICATIONS



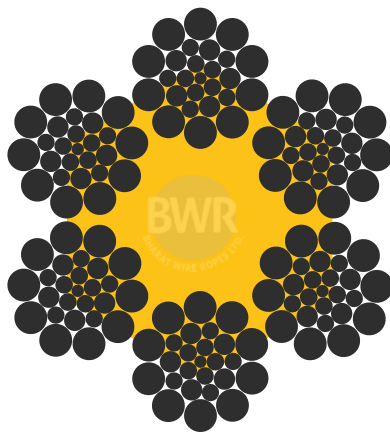
GENERAL
STRUCTURAL
STRANDS



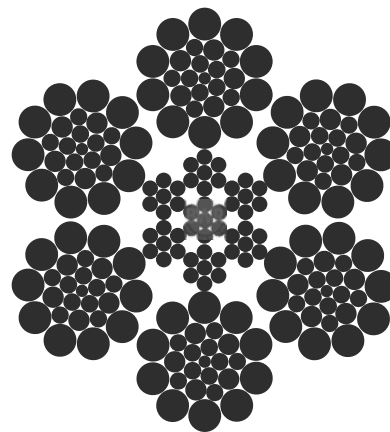
CRANE
MOBILE LATTICE
BOOM CRANES



MINING
DRAGLINE DRAG
AND HOIST



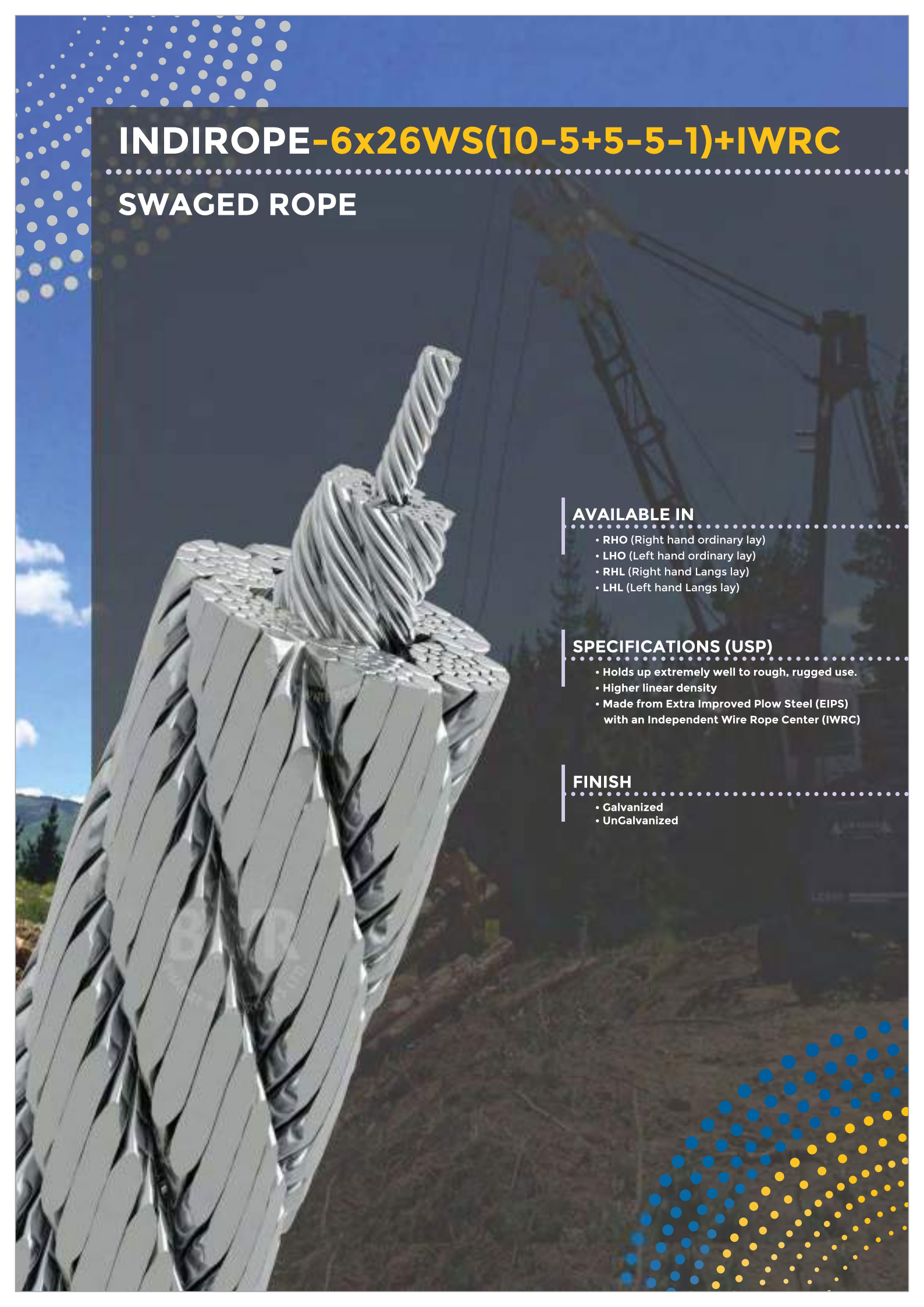
FC



IWRC

6X26SW+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	22.8	37	41	46
9	29.8	47	52	58
10	36.5	58	65	71
11	43.9	71	78	86
12	52.0	84	93	103
13	61.8	99	109	120
14	71.1	114	127	140
15	82.7	131	146	160
16	93.1	150	166	182
17	105	169	187	206
18	119	189	210	231
19	132	211	233	257
20	147	234	259	285
22	180	283	313	345
24	210	336	373	411
26	247	395	437	482
28	287	458	507	559
30	328	526	582	642
32	383	598	662	730
34	432	675	748	824
36	484	757	838	924
38	533	843	934	1029
40	591	935	1035	1140
42	658	1030	1141	1195
44	723	1131	1252	1312
46	790	1236	1369	1434
48	861	1346	1490	1561
50	934	1460	1617	1694
52	1011	1579	1749	1832
54	1086	1703	1886	1951
56	1169	1832	2030	2100
58	1255	1965	2177	2252
60	1344	2103	2330	2410

6X26SW+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	25.5	40	45	49
9	33.4	51	57	62
10	40.8	63	70	77
11	49.1	76	84	93
12	58.2	91	100	111
13	69.2	106	118	130
14	79.2	124	137	151
15	92.5	142	157	173
16	104	161	179	197
17	118	182	202	222
18	132	204	226	249
19	146	227	252	278
20	163	252	279	308
22	200	305	338	372
24	235	363	402	443
26	275	426	472	520
28	319	494	547	603
30	365	567	628	692
32	424	645	715	787
34	478	728	807	889
36	536	817	904	997
38	591	910	1008	1110
40	655	1008	1116	1230
42	729	1112	1231	1356
44	801	1220	1351	1488
46	875	1333	1476	1627
48	953	1452	1608	1771
50	1035	1575	1744	1922
52	1120	1704	1887	2080
54	1204	1837	2035	2246
56	1295	1976	2190	2410
58	1390	2120	2348	2570
60	1489	2268	2510	2770



INDIROPE-6x26WS(10-5+5-5-1)+IWRC

SWAGED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Holds up extremely well to rough, rugged use.
- Higher linear density
- Made from Extra Improved Plow Steel (EIPS) with an Independent Wire Rope Center (IWRC)

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x26WS(10-5+5-5-1)+IWRC

SWAGED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

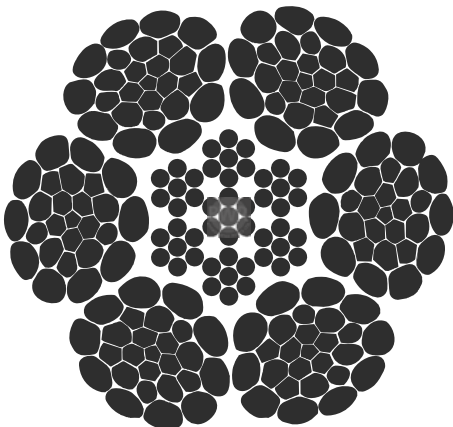


IWRC

APPLICATIONS

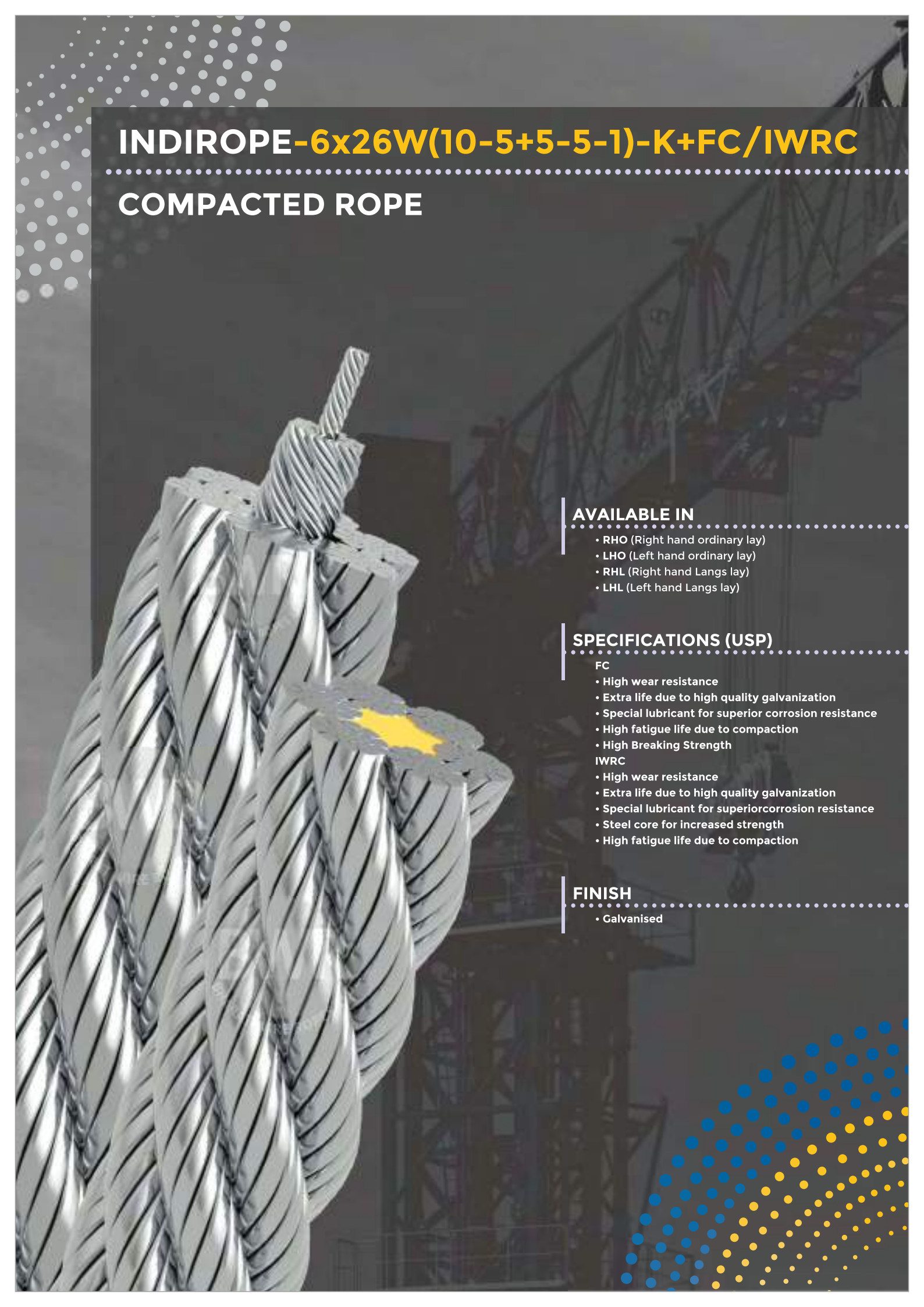


LOGGING &
FORESTRY



IWRC

6x19W-IWRC-Swaged		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	36	55	61	67
9	43	70	77	85
10	49	84	93	103
11	63	101	112	123
12	72	106	117	131
12.5	78	115	127	142
13	82	131	145	160
14	95	151	167	184
15	107	167	185	204
16	122	190	211	232
18	159	250	277	305
19	178	275	304	335
15.9	122	188	208	229
19.05	178	276	306	337
20	196	291	322	355
22	220	348	386	425
24	263	414	458	505
26	307	482	534	588
28	357	557	617	680
30	409	635	703	775
32	465	719	797	878
34	525	811	898	990
36	589	901	998	1100



INDIROPE-6x26W(10-5+5-5-1)-K+FC/IWRC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- High wear resistance
- Extra life due to high quality galvanization
- Special lubricant for superior corrosion resistance
- High fatigue life due to compaction
- High Breaking Strength

IWRC

- High wear resistance
- Extra life due to high quality galvanization
- Special lubricant for superior corrosion resistance
- Steel core for increased strength
- High fatigue life due to compaction

FINISH

- Galvanised

INDIROPE-6x26W(10-5+5-5-1)-K+FC/IWRC

COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

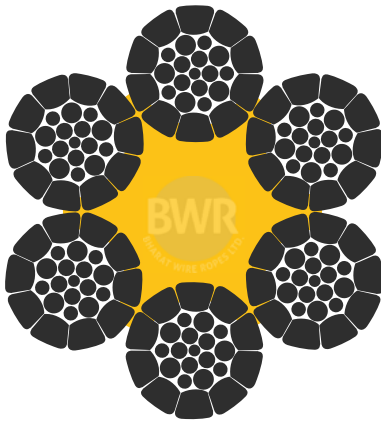


IWRC

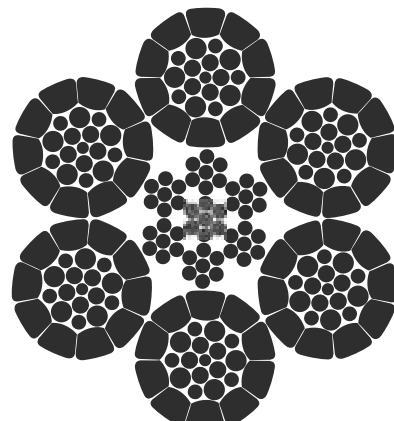
APPLICATIONS



FISHING
TRAWLER
WRAPS



FC



IWRC

6X26SW+FC-Compacted		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
14	80	124	138
16	104	162	180
18	132	205	228
20	163	253	280
22	197	306	340
24	236	368	408
26	276	428	478
28	319	496	552
30	368	575	637
32	418	653	724
34	471	735	815
36	527	825	913
38	589	921	1020

6X26SW+IWRC-Compacted		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
14	88	136	150
16	114	178	197
18	145	227	252
20	179	281	312
22	217	336	372
24	259	404	448
26	303	475	525
28	351	544	602
30	405	625	692
32	459	713	790
34	518	803	890
36	579	904	1001
38	647	1007	1115

INDIROPE-6x29F(14-7F-7-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- High quality flexible and elastic
- Consistent Performance
- Lubricated in Manufacturing

IWRC

- Good bend fatigue life
- Consistent Performance
- Lubricated in Manufacturing
- Better Crush Resistance

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x29F(14-7F-7-1)+FC/IWRC

STANDARD ROPE

NOTE:-

Sizes and Values not shown below
are also available on request



FC

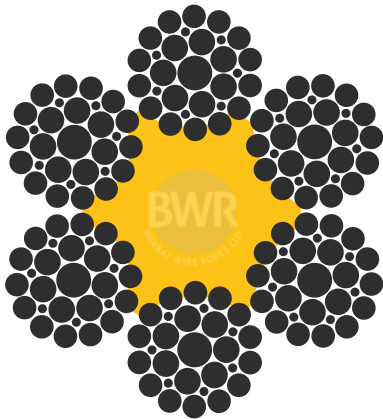


IWRC

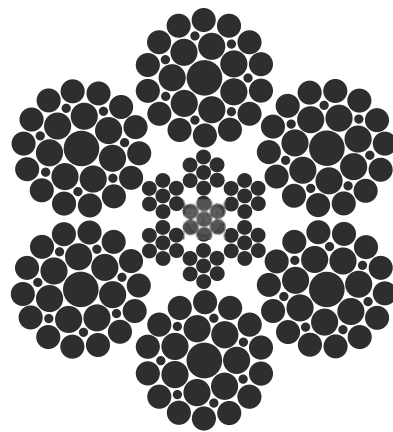
APPLICATIONS



GENERAL STRUCTURAL STRANDS



FC



IWRC

6X29F-FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
8	24.3	37.4	41.4
9	30.8	48	54
10	37.9	60	66
11.2	47.5	75	83
12.5	59.8	93	103
14	75	117	130
16	98.7	153	169
18	123	194	214
20	152	239	265
22.4	190	300	332
25	238	374	414
28	299	469	519
30	343	538	596
31.5	378	593	657
33.5	428	671	743
35.5	481	753	834
37.5	536	841	931
40	611	948	1050
42.5	690	1070	1185
45	774	1200	1329
47.5	862	1340	1484
50	957	1480	1639
54	1114	1723	1908

6X29F-IWRC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
8	26.8	40.3	44.7
9	33.9	52.3	57.9
10	41.8	64.6	71.5
11.2	52.5	81	90
12.5	65.3	101	112
14	82	127	140
16	107	165	183
18	135	209	232
20	167	258	286
22.4	210	324	359
25	261	403	447
28	328	506	560
30	376	581	643
31.5	415	641	709
33.5	469	724	802
35.5	527	814	901
37.5	588	908	1005
40	669	1033	1144
42.5	755	1166	1291
45	847	1307	1447
47.5	944	1456	1613
50	1046	1614	1787
54	1219	1882	2084



INDIROPE-6x31SW(1-6-6+6-12)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Capable to withstand the toughest conditions.
- Good bend-fatigue life
- Lubricated to reduce wear and tear

IWRC

- Capable to withstand the toughest conditions.
- Good bend-fatigue life
- Lubricated to reduce wear & tear

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x31SW(1-6-6+6-12)+FC/IWRC

STANDARD ROPE

NOTE:-

Sizes and Values not shown below
are also available on request



FC



IWRC

APPLICATIONS



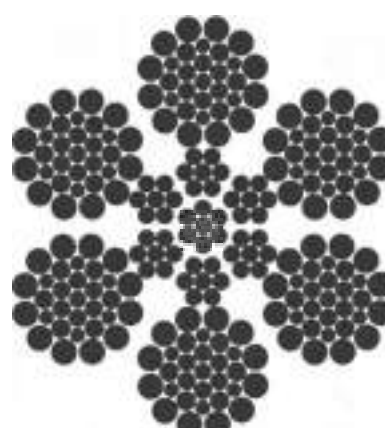
GENERAL
STRUCTURAL
STRANDS



CRANE
MOBILE LATTICE
BOOM CRANES



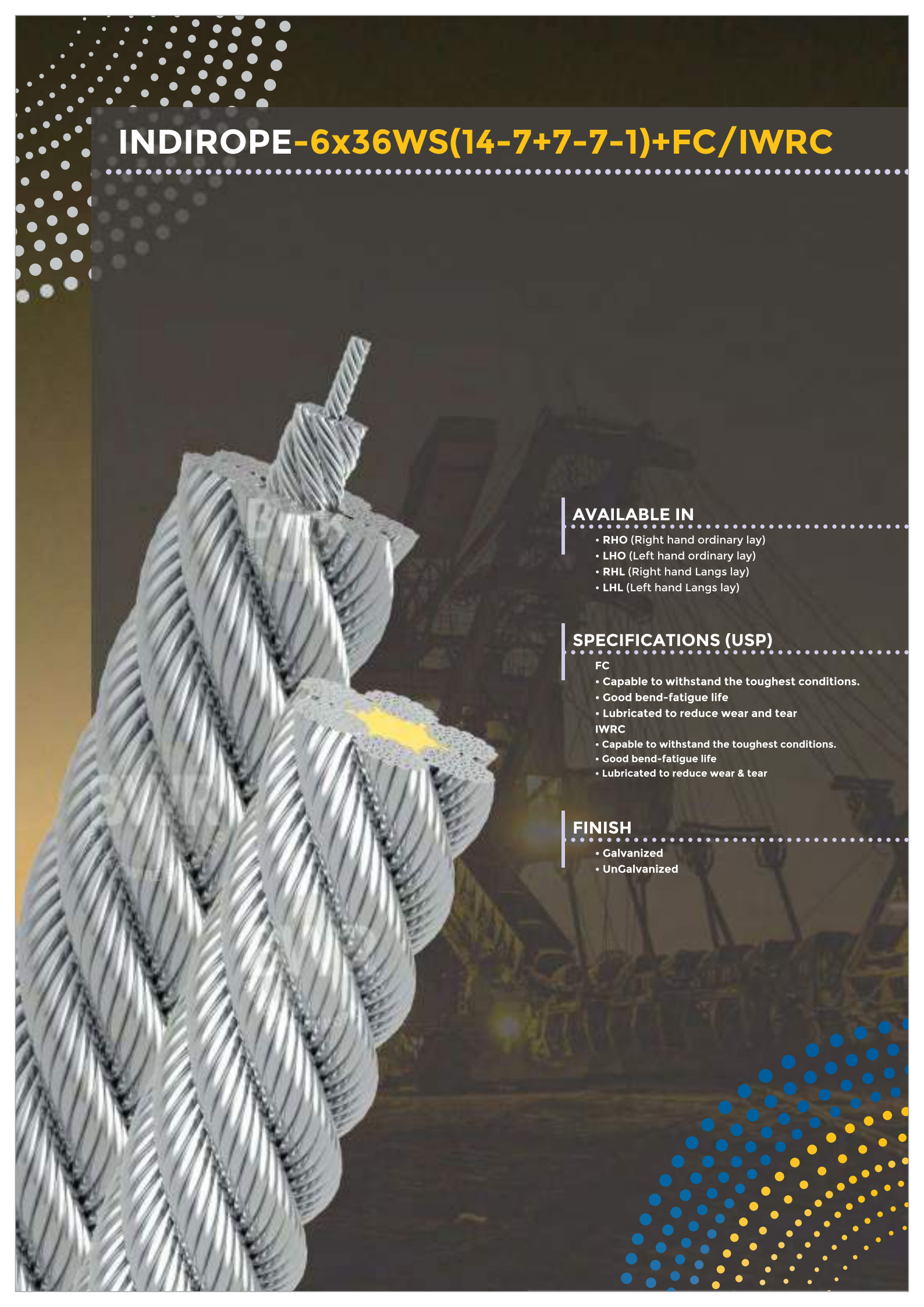
FC



IWRC

6X31SW+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	24	37.4	41.4	45.6
9	30.4	47.3	52.4	57.7
10	37.5	58.4	64.7	71.3
11	45.4	70.7	78.3	86.2
12	54	84.1	93.1	103
13	63.4	98.7	109	120
14	73.5	114	127	140
16	96	150	166	182
18	122	189	210	231
19	135	211	233	257
20	150	234	259	285
22	182	283	313	345
24	216	336	373	411
26	254	395	437	482
28	294	458	507	559
30	338	526	582	642
32	384	598	662	730
34	434	675	748	824
36	486	757	838	924
38	542	843	934	1029
40	600	935	1040	1140
44	726	1130	1250	1380
46	794	1236	1369	1508
48	864	1350	1490	1642
52	1014	1580	1750	1927
56	1176	1830	2030	2235
60	1350	2103	2330	2566

6X31SW+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	26.6	40.3	44.7	49.2
9	33.6	51	56.5	62.3
10	41.5	63	69.8	76.9
11	50.2	76.2	84.4	93
12	59.8	90.7	100	111
13	70.1	106	118	130
14	81.3	124	137	151
16	106	161	179	197
18	134	204	226	249
19	150	227	252	278
20	166	252	279	308
22	201	305	338	372
24	239	363	402	443
26	281	426	472	520
28	325	494	547	603
30	374	567	628	692
32	425	645	715	787
34	480	728	807	889
36	538	817	904	997
38	599	910	1008	1110
40	664	1010	1120	1230
44	803	1220	1350	1490
46	878	1333	1476	1627
48	956	1450	1610	1770
52	1122	1700	1890	2080
56	1301	1980	2190	2410
60	1494	2270	2510	2770



INDIROPE-6x36WS(14-7+7-7-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Capable to withstand the toughest conditions.
- Good bend-fatigue life
- Lubricated to reduce wear and tear

IWRC

- Capable to withstand the toughest conditions.
- Good bend-fatigue life
- Lubricated to reduce wear & tear

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x36WS(14-7+7-7-1)+FC/IWRC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC



IWRC

APPLICATIONS



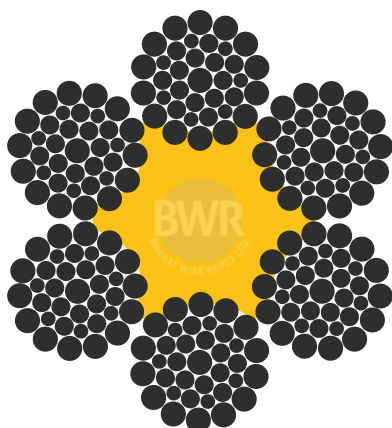
GENERAL
STRUCTURAL
STRANDS



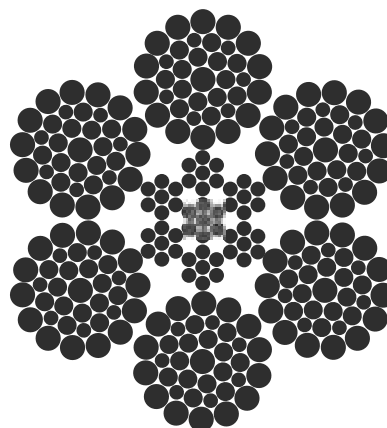
CRANE
MOBILE LATTICE
BOOM CRANES



MINING
DRAGLINE DRAG
AND HOIST



FC



IWRC

6x36WS+FC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	23.7	37	41	45
9	30.5	47	52	57
10	37.1	58	65	72
11	45.2	71	78	86
12	53.2	84	93	102
13	62.7	99	109	120
14	72.5	114	127	140
16	95.2	149	166	183
18	123	189	209	230
19	135	211	233	257
20	146	234	259	285
22	182	283	313	345
24	216	336	372	410
26	253	395	437	482
28	297	458	507	559
30	338	525	582	641
32	383	598	662	730
34	433	675	747	823
36	484	757	838	924
38	540	843	934	1029
40	603	934	1035	1141
44	728	1130	1252	1380
46	802	1235	1368	1508
48	868	1345	1490	1642
52	1017	1579	1748	1926
56	1181	1831	2028	2235
60	1357	2102	2328	2566

6x36WS+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	26.4	40	45	49
9	33.9	51	57	62
10	41.3	63	70	77
11	50.3	76	84	93
12	59.3	91	100	111
13	69.8	106	118	130
14	81	124	137	151
16	106	161	179	197
18	136	204	226	249
19	150	227	252	278
20	163	252	279	308
22	202	305	338	372
24	240	363	402	443
26	280	426	472	520
28	328	494	547	603
30	375	567	628	692
32	425	645	715	787
34	480	728	807	889
36	536	817	904	997
38	598	910	1008	1110
40	666	1008	1116	1230
44	807	1220	1351	1489
46	889	1333	1476	1627
48	962	1452	1608	1772
52	1127	1704	1887	2079
56	1308	1976	2188	2411
60	1496	2268	2512	2768
64	1701	2438	2700	2975
68	1922	2753	3048	3359
70	2026	2917	3230	3559
72	2141	3086	3417	3766
76	2403	3439	3807	4196

INDIROPE-6x36WS(14-7+7-7-1)-K+IWRC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- Better Flexibility
- Specially Lubricated
- High Breaking Strength

FINISH

- Galvanized
- UnGalvanized

INDIROPE-6x36WS(14-7+7-7-1)-K+IWRC

COMPACTED ROPE

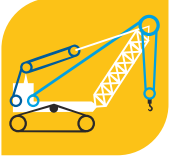
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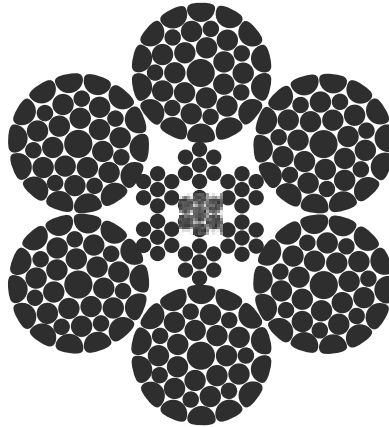


IWRC

APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



IWRC

6x36WS+IWRC-Compacted		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
10	45	70	78
11	55	87	96
13	76	117	130
14	88	137	152
16	115	179	198
18	145	228	252
19	162	253	280
20	183	286	317
22	218	339	375
24	258	398	441
25.4	292	453	502
28	356	550	608
30	406	632	700
32	462	722	800
34	519	808	895
36	583	906	1003
38	651	1011	1120
40	719	1130	1250
42	791	1237	1370
46	949	1490	1650
48	1036	1625	1800
50	1118	1761	1930
52	1201	1877	2080

INDIROPE-6x37M(18/12/6-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Extra life due to high quality galvanization
- Special lubricant for superior corrosion resistance

IWRC

- Extra life due to high quality galvanization
- Steel core for increased strength
- Special lubricant for superior corrosion resistance

FINISH

- Galvanised

INDIROPE-6x37M(18/12/6-1)+FC/IWRC

STANDARD ROPE

NOTE:-

Sizes and Values not shown below
are also available on request

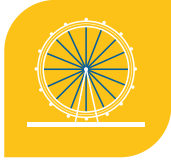


FC



IWRC

APPLICATIONS



GENERAL
STRUCTURAL
STRANDS



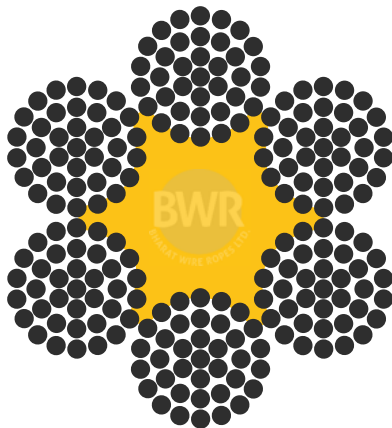
OIL & GAS
DRILL LINES



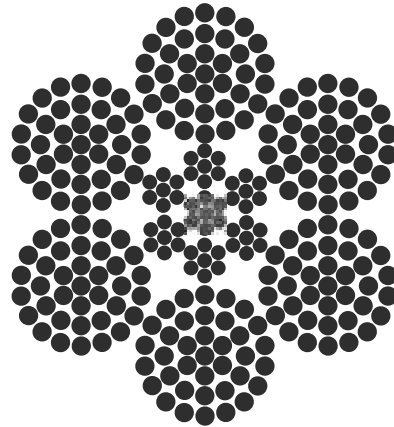
SLINGS



SHIPPING
SHIP
MOORING



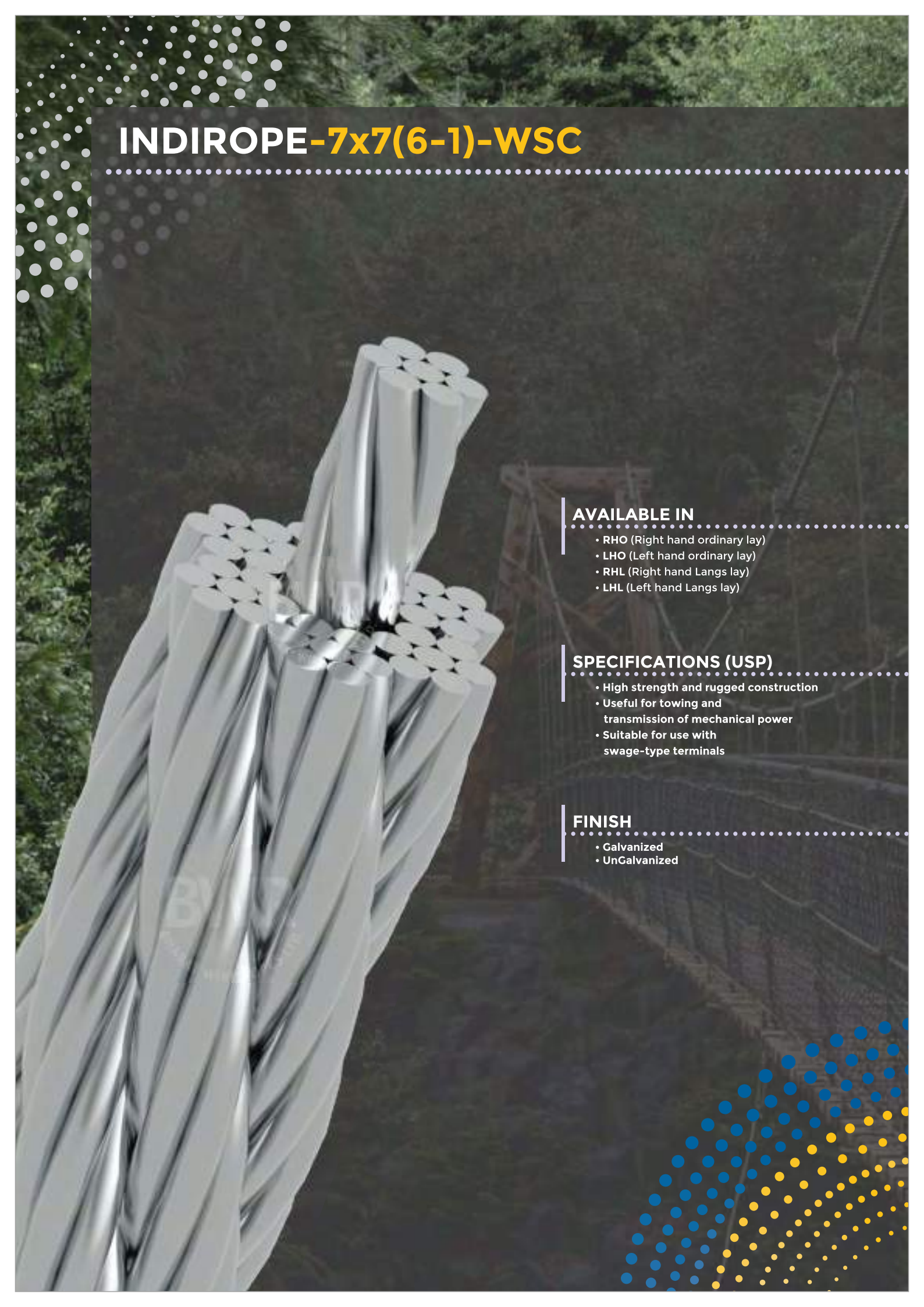
FC



IWRC

6X37M+FC		MBL(kN)			
Dia	Kg/100m	1420	1570	1770	1960
12	50.9	60	67	76	84
14	68.6	82	91	103	114
16	89.2	107	118	133	147
18	114	136	150	169	187
20	140	167	185	209	231
22	169	203	224	253	280
24	200	241	267	301	333
26	234	283	313	353	391
28	275	328	363	409	453
32	360	429	474	534	592
36	465	543	600	676	749
40	560	670	741	835	925
44	686	810	896	1010	1119
48	802	964	1066	1202	1331
52	942	1132	1252	1411	1563
56	1092	1313	1451	1636	1811
60	1254	1507	1666	1878	2079
64	1426	1715	1895	2137	2366

6X37M+IWRC		MBL(kN)		
Dia	Kg/100m	1570	1770	1960
12	56.4	72	81	90
13	66.2	85	95	106
14	76.7	98	110	123
16	99.8	128	144	160
18	126	162	182	203
19	141	181	203	226
20	156	200	225	250
22	189	242	272	303
24	225	288	324	360
26	264	339	380	423
28	307	393	441	490
30	352	451	506	563
32	400	513	576	640
34	452	579	650	723
36	507	649	729	810
38	565	723	812	903
40	626	801	900	1000
44	766	970	1089	1210
46	837	1060	1190	1323
48	912	1154	1296	1440
52	1070	1354	1521	1690
56	1241	1571	1764	1960
60	1425	1803	2025	2250
64	1621	2052	2304	2560



INDIROPE-7x7(6-1)-WSC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- High strength and rugged construction
- Useful for towing and transmission of mechanical power
- Suitable for use with swage-type terminals

FINISH

- Galvanized
- UnGalvanized

INDIROPE-7x7(6-1)-WSC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

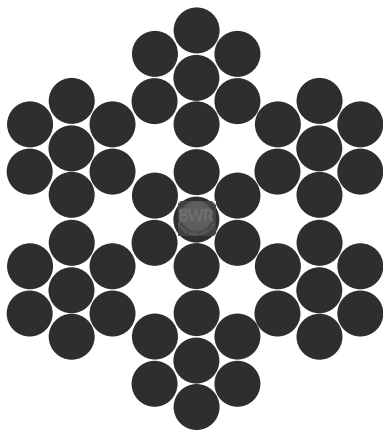


IWRC

APPLICATIONS

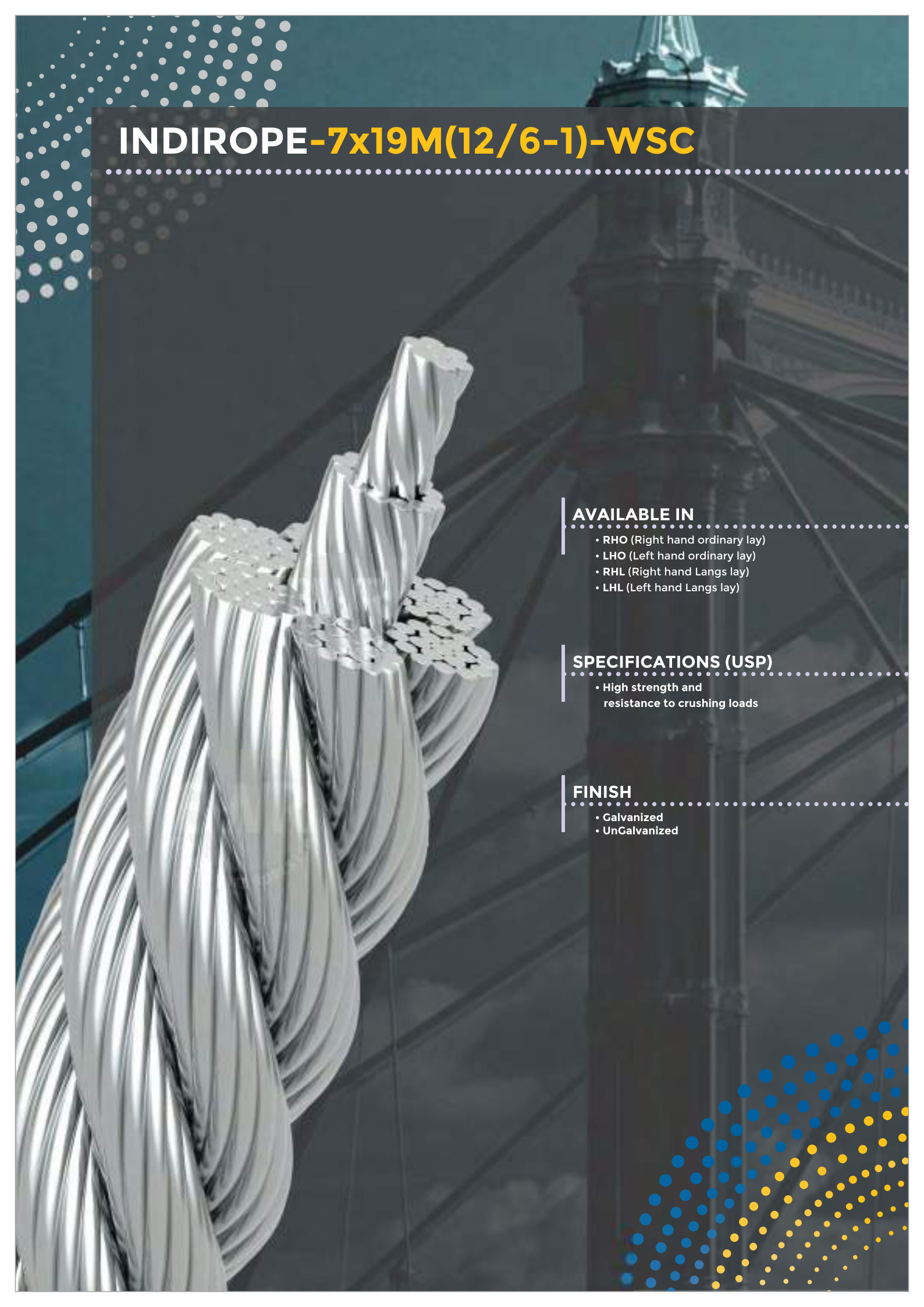


GENERAL
STRUCTURAL
STRANDS



WSC

7x7+WSC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
6	15	23	25	28
8	26	41	45	50
9	33	51	57	63
10	41	64	70	78
11	50	77	85	94
12	59	91	101	112
13	67	107	119	131
14	79	124	138	152
16	104	163	180	198
18	131	206	228	251
19	146	229	254	280
20	162	254	281	310
22	195	307	340	375
24	230	366	405	446
25	252	397	440	484
26	273	429	475	524
28	317	498	551	608
30	364	572	633	698
32	414	650	720	794
34	467	734	813	896



INDIROPE-7x19M(12/6-1)-WSC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- High strength and resistance to crushing loads

FINISH

- Galvanized
- UnGalvanized

INDIROPE-7x19M(12/6-1)-WSC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

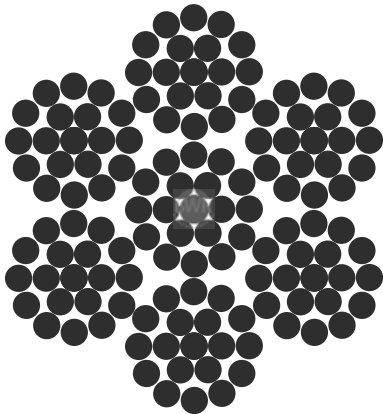


IWRC

APPLICATIONS

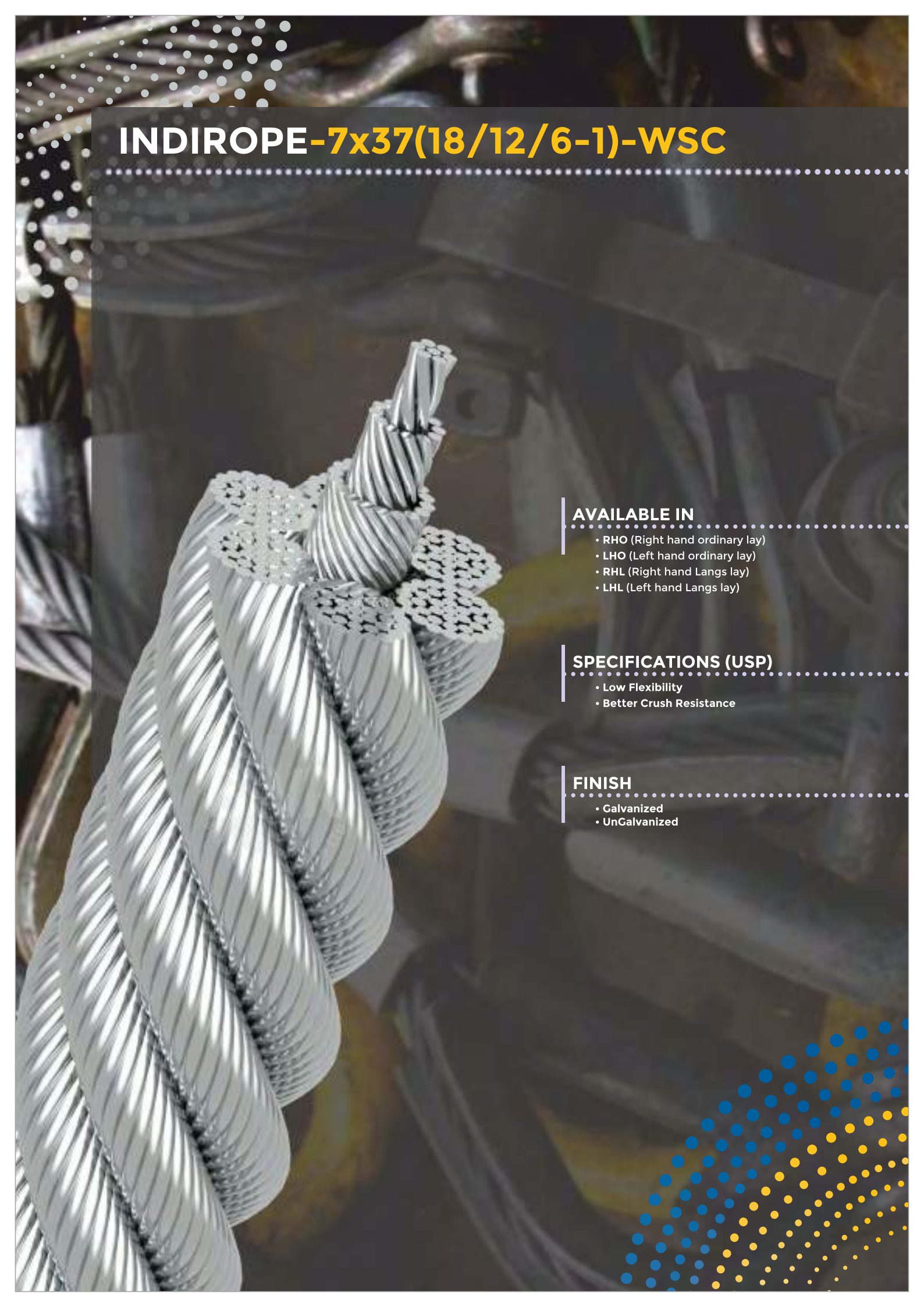


GENERAL
STRUCTURAL
STRANDS



WSC

7x19M+WSC		MBL(kN)		
Dia	Kg/100m	1570	1770	1960
24	232	300	338	375
25	250	326	368	407
26	272	352	397	439
28	316	409	461	511
30	364	469	529	586
32	410	534	602	667
34	463	602	679	752
35	489	638	719	796
36	516	675	761	843
38	576	752	848	939
40	644	834	940	1041
42	710	919	1036	1147
44	780	1009	1138	1260
45	814	1055	1189	1317
46	853	1103	1244	1377
48	925	1201	1354	1499



INDIROPE-7x37(18/12/6-1)-WSC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Low Flexibility
- Better Crush Resistance

FINISH

- Galvanized
- UnGalvanized

INDIROPE-7x37(18/12/6-1)+WSC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

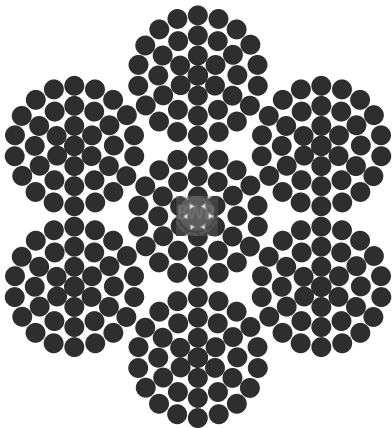
APPLICATIONS



GENERAL
STRUCTURAL
STRANDS

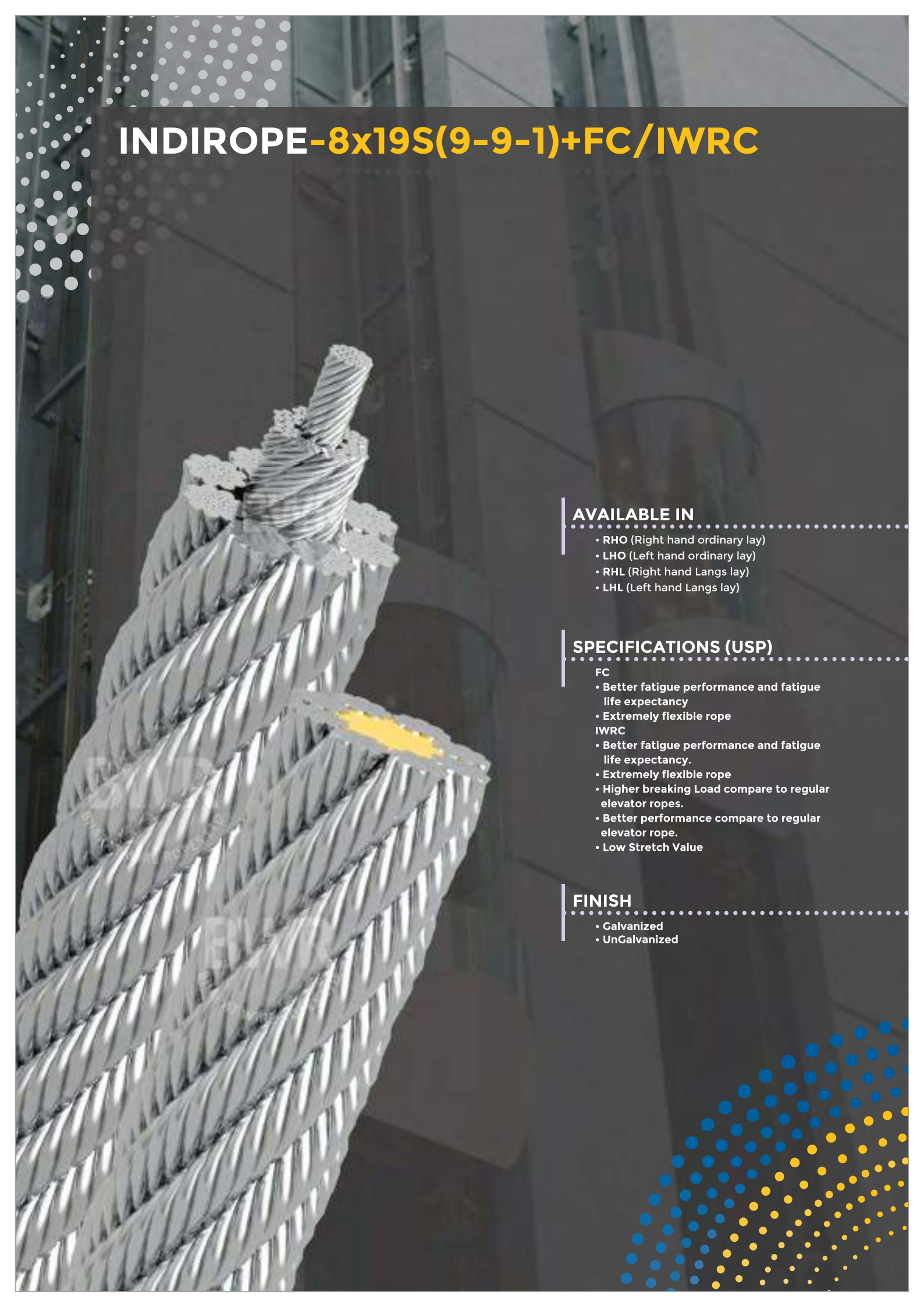


SLINGS



WSC

7X37M-WSC		MBL(kN)	
Dia	Kg/100m	1770	1960
6	14	22	24.4
7	19	30	33.2
8	24	39.2	43.4
9	31	49.6	54.9
10	38	61.2	67.8
11	46	74.1	82.1
12	55	88.2	97.7



INDIROPE-8x19S(9-9-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Better fatigue performance and fatigue life expectancy
- Extremely flexible rope

IWRC

- Better fatigue performance and fatigue life expectancy.
- Extremely flexible rope
- Higher breaking Load compare to regular elevator ropes.
- Better performance compare to regular elevator rope.
- Low Stretch Value

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x19S(9-9-1)+FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

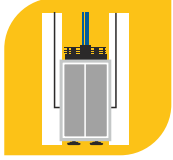


FC

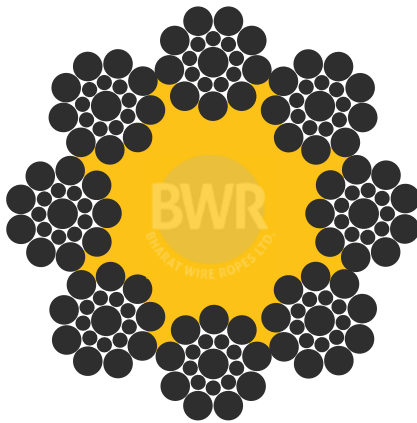


IWRC

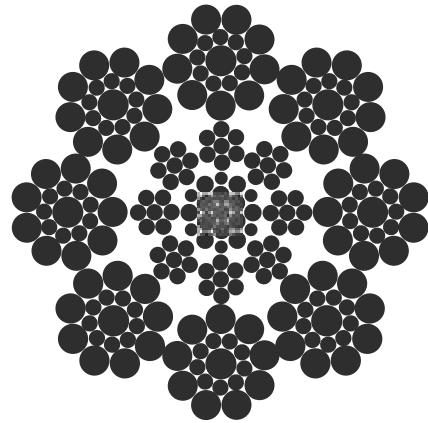
APPLICATIONS



ELEVATOR
ROPES



FC



IWRC

8x19S-FC		MBL(kN)	
Dia (mm)	Kg/100m	Dual Tensile (1370/1770) 1420	1570
8	22.5	28.1	29
9	28.5	35.6	37
10	34.8	44.0	46
11	42.5	53.2	56
12	49.8	63.3	66
13	58.9	74.3	78
14	67.2	86.0	90
15	-	-	-
16	88.9	113	118
18	112	142	149
19	127	159	166
20	141	176	184
22	-	-	-

8x19S-IWRC		MBL(kN)			
Dia (mm)	Kg/100m	Dual Tensile (1370/1770) 1420	1570/1770	1570	1770
8	26.9	35.8	38	35.8	40.3
9	33.2	45.3	48.2	45.3	51
10	41.9	55.9	59.5	55.9	63
11	51.2	67.6	71.9	67.6	76.2
12	59	80.5	85.6	80.5	90.7
13	69.2	94.5	100	94.5	106
14	80.3	110	117	110	124
15	92.17	126	134	126	142
16	105	143	152	143	161
18	133	181	193	181	204
19	148	202	215	202	227
20	164	224	238	224	252
22	198.2	271	288	271	305



INDIROPE-8X19S + Combi core (8X7+FC)

COMBI-CORE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Better fatigue performance and fatigue life expectancy
- Extremely flexible rope
- Higher breaking Load compare to regular elevator rope
- Better performance compare to regular elevator rope
- Low Stretch Value

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8X19S + Combi core (8X7+FC)

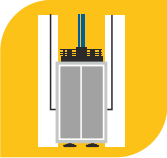
COMBI-CORE ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

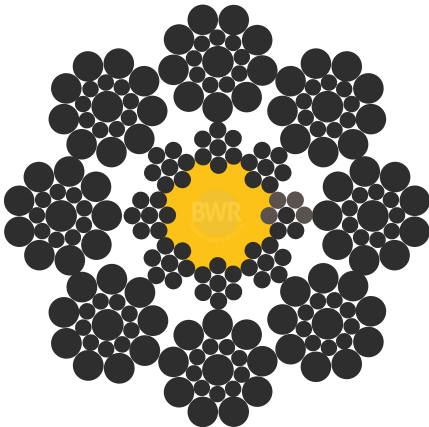


IWRC

APPLICATIONS

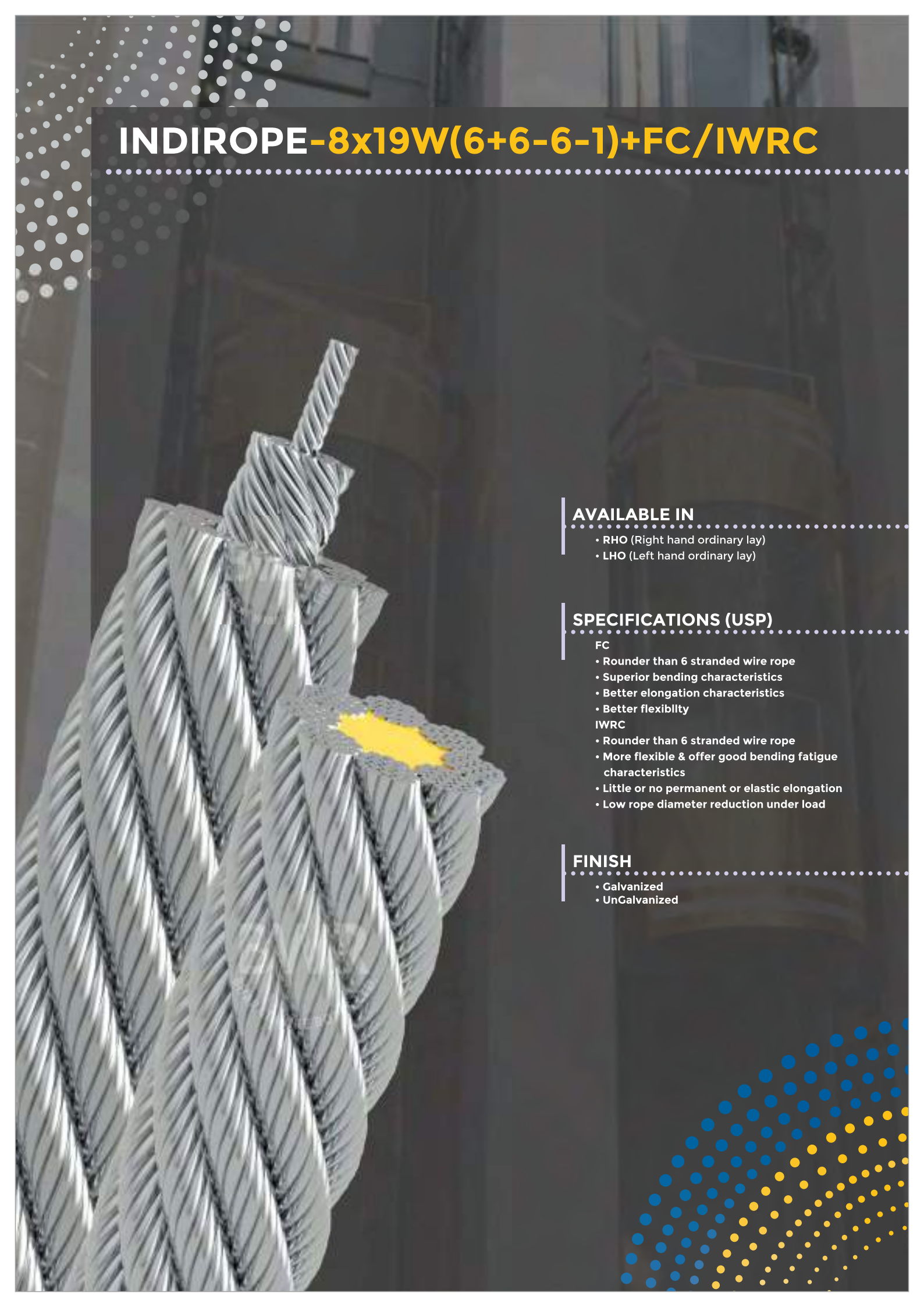


ELEVATOR
ROPES



IWRC

8X19S + Combi core (8X7+FC)		MBL(kN)
Dia (mm)	Kg/100m	1570 grade
8	25	36.2
9	32	46.5
10	39	57.6
11	47	69.5
12	56	82.7
13	66	98.2
14	76	113
15	88	129
16	100	147
18	126	186
19	141	207
20	156	230
22	188	278



INDIROPE-8x19W(6+6-6-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)

SPECIFICATIONS (USP)

FC

- Rounder than 6 stranded wire rope
- Superior bending characteristics
- Better elongation characteristics
- Better flexibility

IWRC

- Rounder than 6 stranded wire rope
- More flexible & offer good bending fatigue characteristics
- Little or no permanent or elastic elongation
- Low rope diameter reduction under load

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x19W(6+6-6-1)+FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

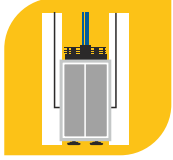


FC

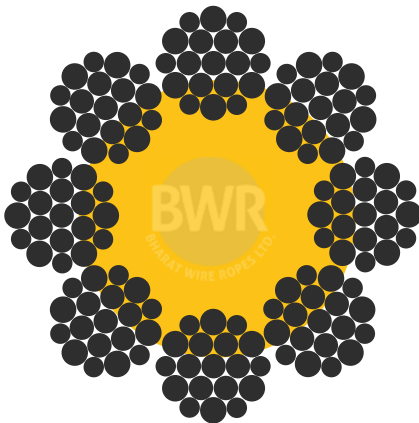


IWRC

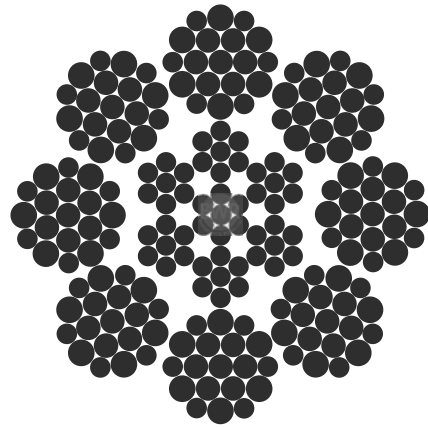
APPLICATIONS



**ELEVATOR
ROPES**



FC



IWRC

8X19W+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	21.8	33.2	36.8	40.5
9	27.5	42	46.5	51.3
10	34	51.9	57.4	63.3
11	41.1	62.8	69.5	76.6
12	49	74.7	82.7	91.1
13	57.5	87.6	97.1	107
14	66.6	102	113	124
15	76.5	117	129	142
16	87	133	147	162
18	110	168	186	205
19	123	187	207	228
20	136	207	230	253
22	165	251	278	306

8x19W-IWRC		MBL(kN)			
Dia (mm)	Kg/100m	Dual Tensile (1370/1770)1420	1570/1770	1570	1770
8	26.9	35.8	38	35.8	40.3
9	33.2	45.3	48.2	45.3	51
10	41.9	55.9	59.5	55.9	63
11	51.2	67.6	71.9	67.6	76.2
12	59	80.5	85.6	80.5	90.7
13	69.2	94.5	100	94.5	106
14	80.3	110	117	110	124
15	92.17	126	134	126	142
16	105	143	152	143	161
18	133	181	193	181	204
19	148	202	215	202	227
20	164	224	238	224	252
22	198.2	271	288	271	305



INDIROPE-8x25F(1-6-6F-12)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Resistance to wear & tear
 - High Flexibility and Elastic
- IWRC
- Good Abrasion Resistance
 - Low Flexibility

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x25F(1-6-6F-12)+FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

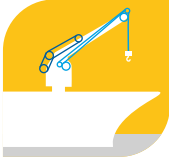


IWRC

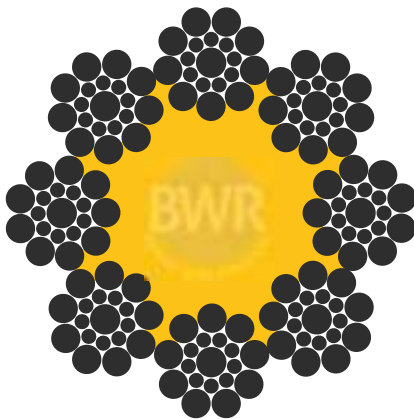
APPLICATIONS



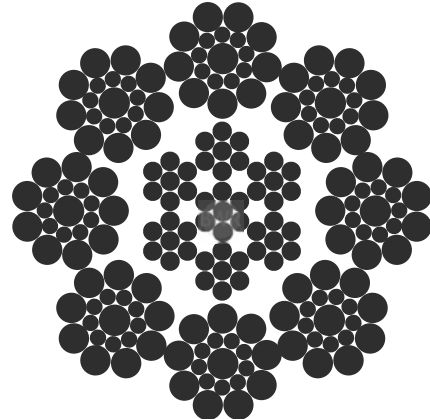
CRANE
MOBILE LATTICE
BOOM CRANES



SHIPPING
SHIP
CRANE



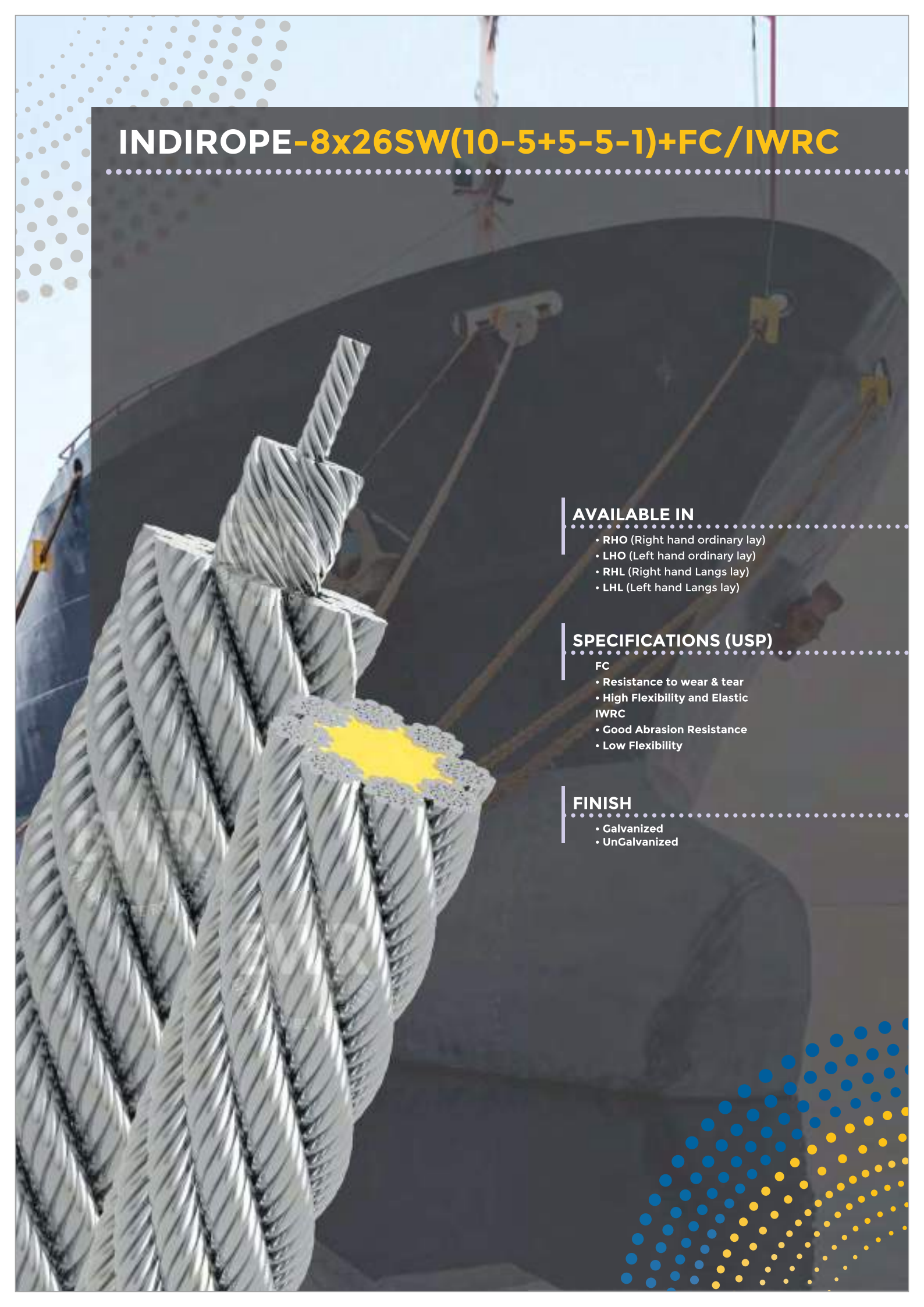
FC



IWRC

8X25F+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	22.5	33	37	41
9	28.4	42	47	51
10	35.1	52	58	63
11	42.5	63	70	77
12	50.5	75	83	91
13	59.3	88	97	107
14	68.8	102	113	124
16	89.9	133	147	162
18	114	168	186	205
19	127	188	208	229
20	140	208	230	254
22	170	252	279	307
24	202	299	331	365
26	237	351	389	429
28	275	407	451	497
32	359	532	589	649
36	455	673	746	822
38	507	750	831	916
40	562	831	921	1015
44	680	1006	1114	1228
48	809	1197	1326	1461
52	949	1405	1556	1715

8X25F+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	26.9	39	43	48
9	34	50	55	61
10	42	61	68	75
11	50.8	74	82	91
12	60.5	88	98	108
13	71	104	115	126
14	82.3	120	133	147
16	108	157	174	192
18	136	199	220	242
19	152	221	245	270
20	168	245	272	299
22	203	297	329	362
24	242	353	391	431
26	284	414	459	506
28	329	481	532	587
32	430	628	695	766
36	544	795	880	970
38	606	885	980	1080
40	672	981	1086	1197
44	813	1187	1314	1449
48	968	1413	1564	1724
52	1136	1658	1836	2023



INDIROPE-8x26SW(10-5+5-5-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- FC
- Resistance to wear & tear
- High Flexibility and Elastic
- IWRC
- Good Abrasion Resistance
- Low Flexibility

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x26SW(10-5+5-5-1)+FC/IWRC

GENERAL ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

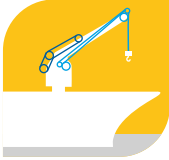


IWRC

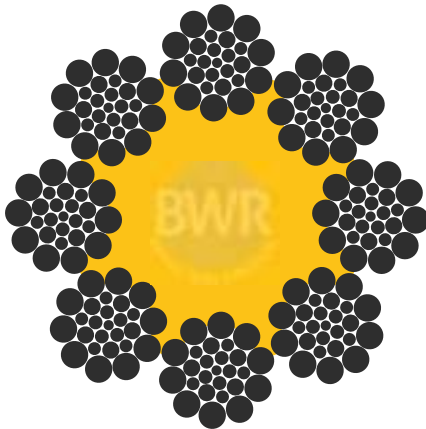
APPLICATIONS



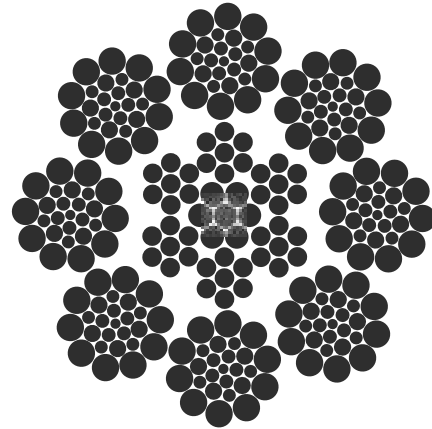
CRANE
MOBILE LATTICE
BOOM CRANES



SHIPPING
SHIP
CRANE



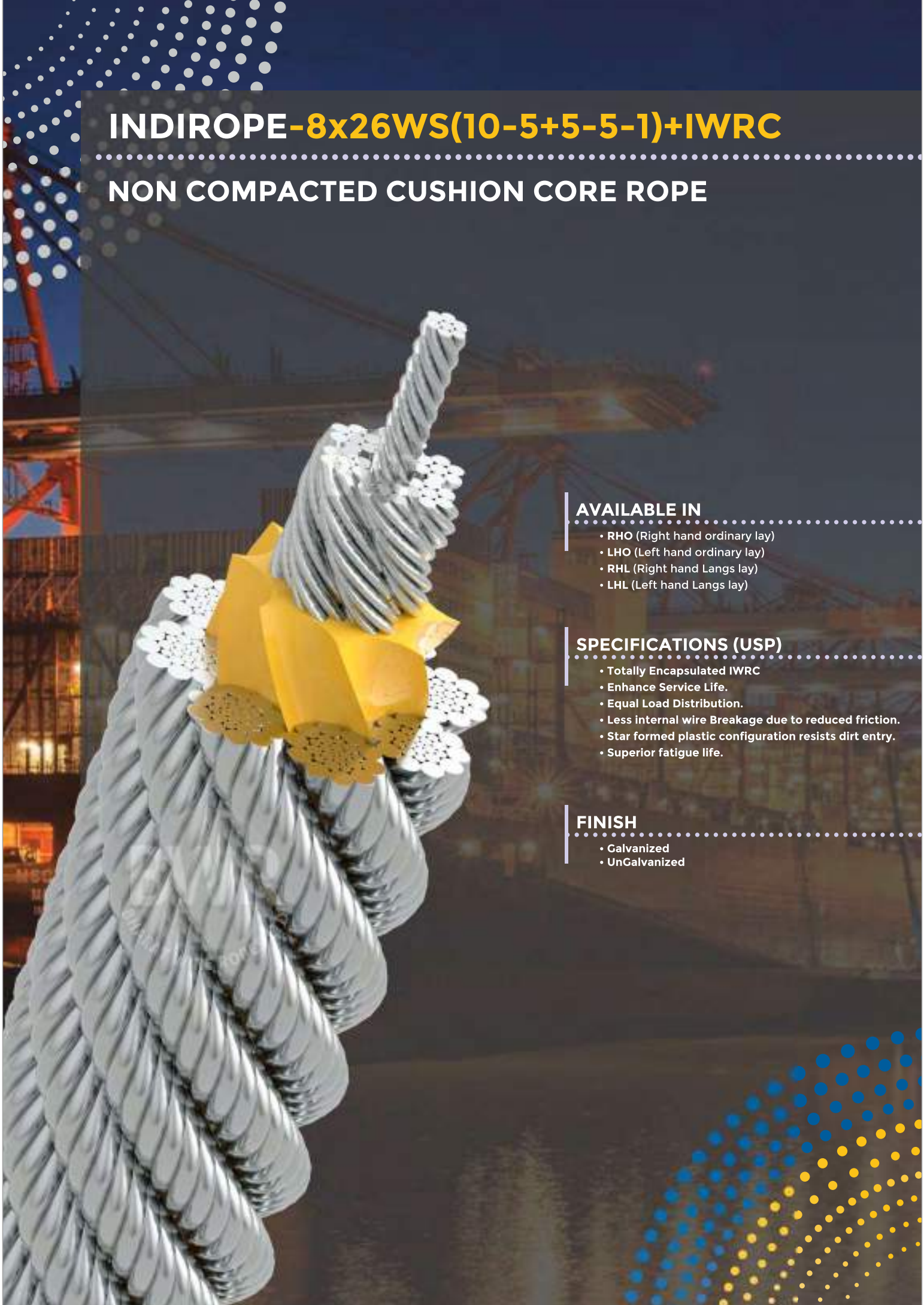
FC



IWRC

8X26SW+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	0.221	33.2	36.8	40.6
10	0.346	51.9	57.5	63.4
12	0.498	74.8	82.8	91.2
14	0.68	102	113	124
16	0.89	133	147	162
18	1.12	168	186	205
19	1.25	187	208	229
20	1.38	208	230	253
22	1.67	251	278	307
24	1.99	299	331	365
26	2.34	351	389	428
28	2.71	407	451	497
30	3.11	467	517	570
32	3.54	532	589	649
34	4.00	600	665	732
36	4.48	673	745	821
38	5.00	750	830	915
40	5.54	831	920	1014
42	6.10	916	1014	1118
44	6.70	1005	1113	1227
46	7.32	1099	1217	1341
48	7.97	1196	1325	1460
50	8.65	1298	1437	1584
52	9.36	1404	1555	1713
54	10.09	1514	1677	1848
56	10.85	1628	1803	1987
58	11.64	1747	1934	2131
60	12.46	1869	2070	2281

8X26SW+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
8	0.265	40.3	44.7	49.2
10	0.41	63.00	69.80	76.9
12	0.60	90.7	100.5	111
14	0.81	123	137	151
16	1.06	161	179	197
18	1.34	204	226	249
19	1.49	227	252	278
20	1.66	252	279	308
22	2.00	305	338	372
24	2.38	363	402	443
26	2.80	426	472	520
28	3.25	494	547	603
30	3.73	567	628	692
32	4.24	645	715	787
34	4.79	728	807	889
36	5.37	816	905	997
38	5.98	910	1008	1110
40	6.62	1008	1117	1230
42	7.30	1111	1231	1357
44	8.02	1220	1351	1489
46	8.76	1333	1477	1627
48	9.54	1452	1608	1772
50	10.35	1575	1745	1923
52	11.19	1704	1887	2079
54	12.07	1837	2035	2242
56	12.98	1976	2189	2412
58	13.93	2119	2348	2587
60	14.90	2268	2513	2768



INDIROPE-8x26WS(10-5+5-5-1)+IWRC

NON COMPACTED CUSHION CORE ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Totally Encapsulated IWRC
- Enhance Service Life.
- Equal Load Distribution.
- Less internal wire Breakage due to reduced friction.
- Star formed plastic configuration resists dirt entry.
- Superior fatigue life.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x26WS(10-5+5-5-1)+IWRC

NON COMPACTED CUSHION CORE ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

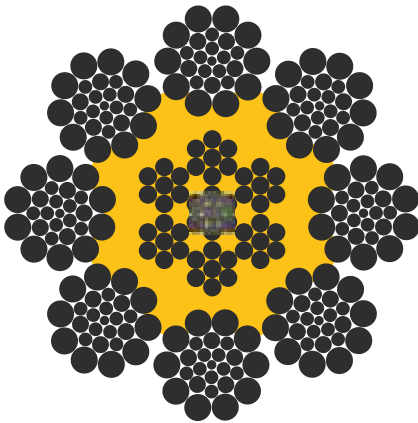
APPLICATIONS



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MOBILE LATTICE
BOOM CRANES



**PORT
CRANE**



IWRC

8X26SW + EPIWRC - NON COMPACTED CUSHION CORE ROPE		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
16	109	165	183	201
18	137	209	231	255
19	153	233	257	284
22	204	312	345	380
24	243	371	411	453
26	284	435	482	531
28	330	505	559	616
30	378	580	642	707
32	430	660	730	805
36	543	835	924	1019
38	604	930	1030	1135
42	738	1096	1214	1337
44	809	1203	1332	1468
48	962	1431	1585	1747
50	1044	1553	1720	1895
52	1128	1680	1860	2050



INDIROPE-K-8x26WS(10-5+5-5-1)+IWRC

COMPACTED CUSHION CORE ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Totally Encapsulated IWRC.
- Enhance Service Life.
- Equal Load Distribution.
- Less internal wire Breakage due to reduced friction.
- Star formed plastic configuration resists dirt entry.
- Superior fatigue life.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-8x26WS(10-5+5-5-1)+IWRC

COMPACTED CUSHION CORE ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

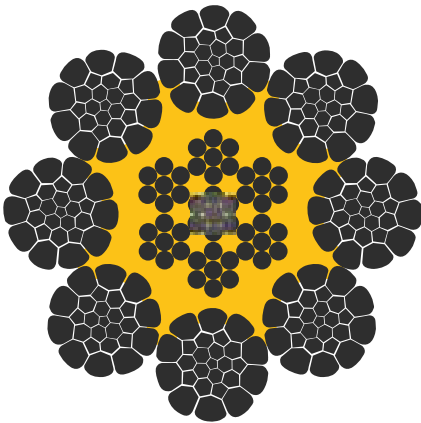
APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



**PORT
CRANE**



IWRC

8X26SW + EPIWRC - COMPACTED CUSHION CORE ROPE		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
16	122	182	202	223
19	171	257	285	309
22	229	345	382	421
24	272	411	455	501
26	318	482	534	588
28	369	559	619	682
30	423	642	710	783
32	481	730	808	891
36	608	924	1023	1127
38	677	1029	1140	1256
40	749	1140	1263	1392
44	906	1380	1528	1684
48	1077	1642	1819	2005
50	1169	1782	1973	2175
52	1264	1927	2134	2352

INDIROPE-K-8x26WS(10-5+5-5-1)+IWRC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated
- High Breaking Strength

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-8x26WS(10-5+5-5-1)+IWRC

COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

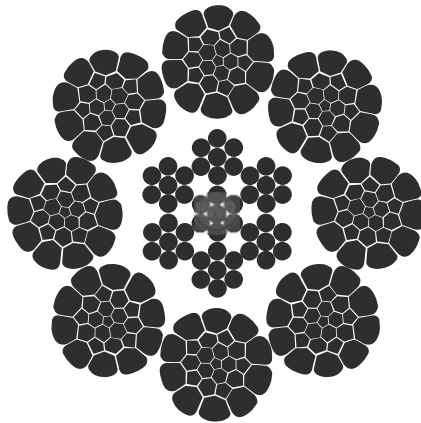
APPLICATIONS



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BOOM CRANES



**PORT
CRANE**



IWRC

8XK26 WS+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
10	46	68	75	83
12	67	98	108	119
14	91	133	147	162
16	119	174	192	212
18	150	220	243	268
19	168	245	271	299
20	186	271	300	331
22	225	329	364	401
24	267	391	433	477
26	314	459	508	560
28	364	532	589	649
32	475	695	769	848
36	601	879	974	1073
38	670	980	1085	1196
40	742	1086	1202	1325
44	898	1314	1455	1603
48	1069	1564	1731	1908
52	1255	1835	2032	2239
56	1455	2128	2357	2597
60	1670	2443	2705	2981

INDIROPE-8x36WS(14-7+ 7-7-1)+IWRC

NON COMPACTED CUSHION CORE ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Totally Encapsulated IWRC
- Enhance Service Life.
- Equal Load Distribution.
- Less internal wire Breakage due to reduced friction.
- Star formed plastic configuration resists dirt entry.
- Superior fatigue life.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x36WS(14-7+ 7-7-1)+IWRC

NON COMPACTED CUSHION CORE ROPE

NOTE:-

Sizes and Values not shown below
are also available on request



IWRC

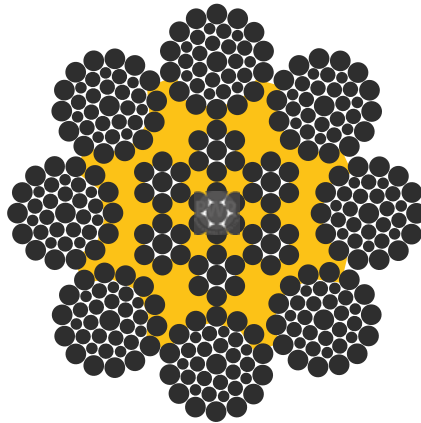
APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



**PORT
CRANE**



IWRC

8x36WS+IWRC - NON COMPACTED CUSHION CORE ROPE		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
16	111	165	183	201
18	145	209	231	255
19	154	233	257	284
22	209	312	345	380
24	250	371	411	453
26	292	435	482	531
28	336	505	559	616
30	385	580	642	707
32	438	660	730	805
36	555	835	924	1019
38	617	930	1030	1135
42	753	1112	1231	1357
44	826	1220	1351	1489
48	982	1452	1608	1772
50	1065	1576	1745	1923
52	1151	1704	1887	2080



INDIROPE-K-8x31WS(1-6-6+6-12)+IWRC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated
- High Breaking Strength

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-8x31WS(1-6-6+6-12)+IWRC

COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



IWRC

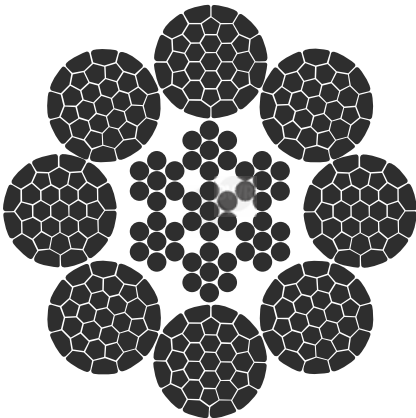
APPLICATIONS



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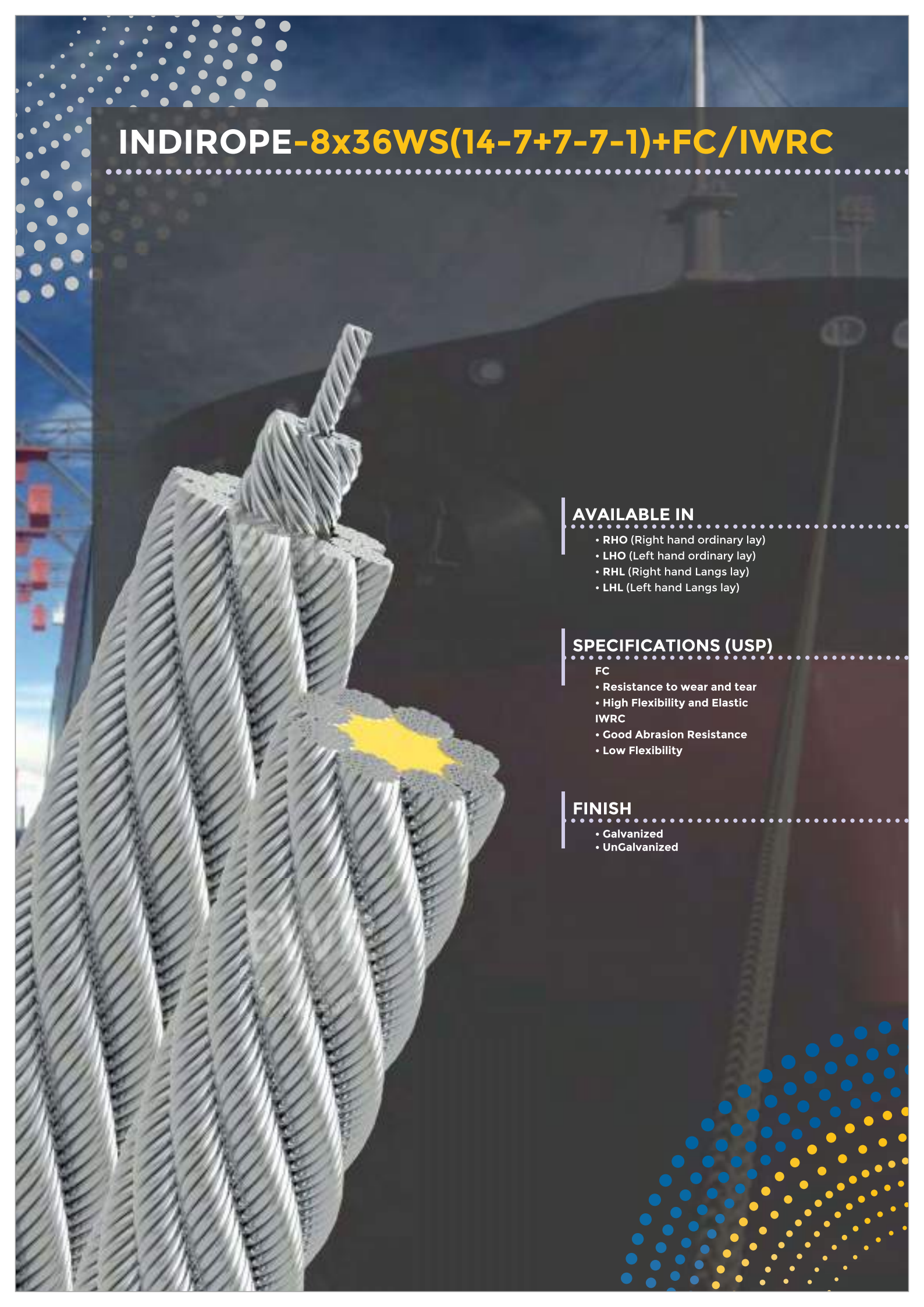


**PORT
CRANE**



IWRC

8x31WS-K-(1-6-6+6-12)+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
16	1.13	179	198	208
18	1.43	227	251	264
20	1.77	280	310	326
22	2.14	338	375	394
24	2.55	403	446	469
26	2.99	473	523	550
28	3.47	548	607	638
30	3.98	629	697	732
32	4.53	716	793	833
34	5.11	808	895	941
36	5.73	906	1004	1055
38	6.38	1010	1118	1175
40	7.07	1119	1239	1302
42	7.80	1233	1366	1436
44	8.56	1354	1499	1576
46	9.35	1480	1638	1722
48	10.18	1611	1784	1875
50	11.05	1748	1936	2035
50	11.95	1891	2094	2201
54	12.89	2039	2258	2373
56	13.86	2193	2428	2552



INDIROPE-8x36WS(14-7+7-7-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- Resistance to wear and tear
 - High Flexibility and Elastic
- IWRC
- Good Abrasion Resistance
 - Low Flexibility

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x36WS(14-7+7-7-1)+FC/IWRC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC



IWRC

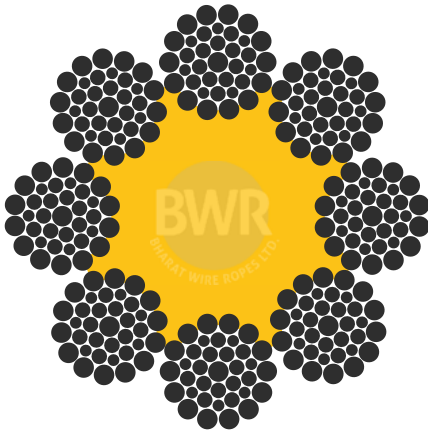
APPLICATIONS



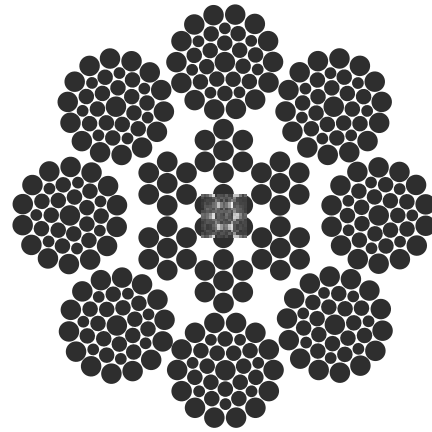
CRANE
MOBILE LATTICE
BOOM CRANES



SHIPPING
SHIP
MOORING



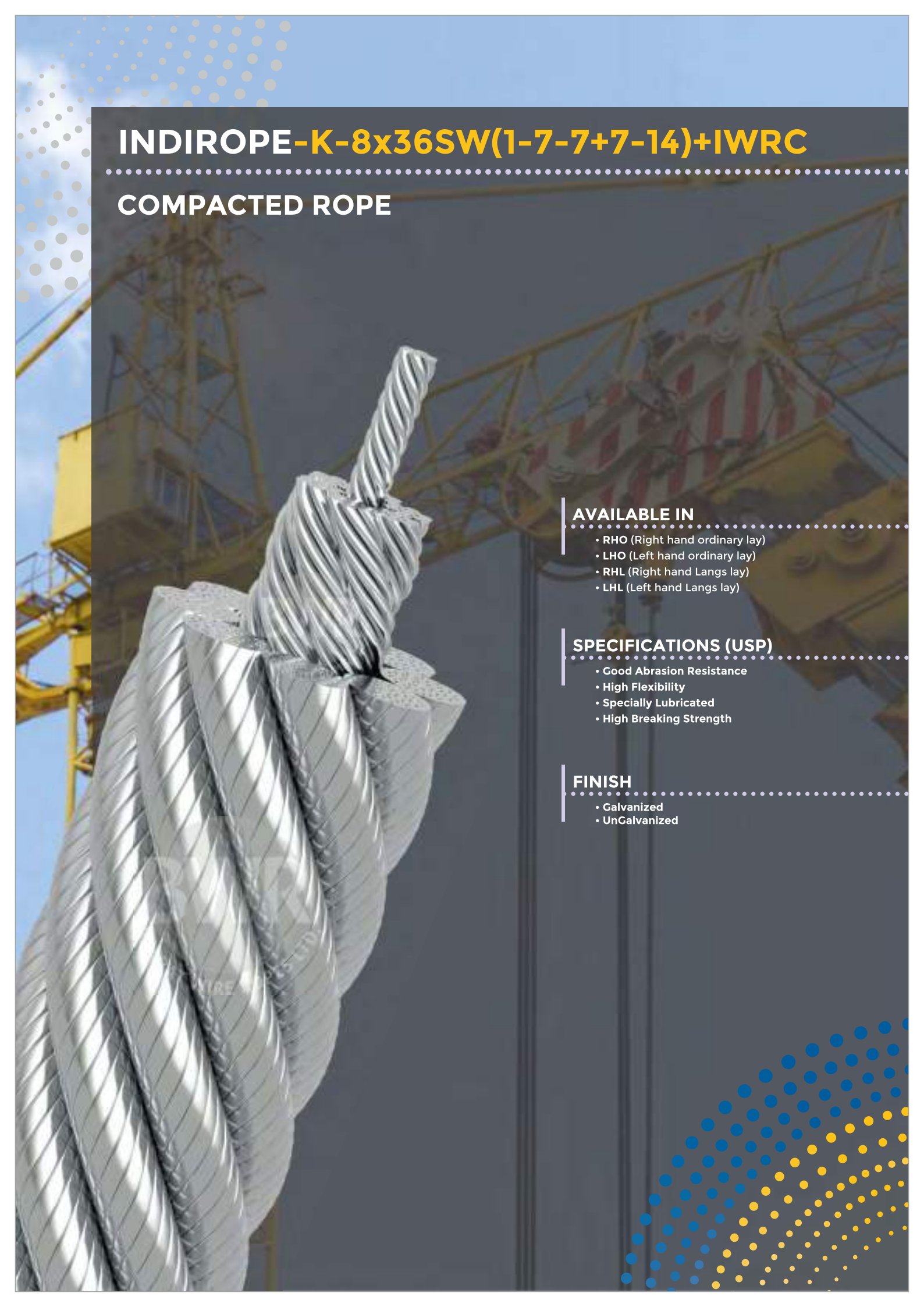
FC



IWRC

8X36SW+FC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
13	58.8	87.6	97.1	107
14	68.2	102	113	124
16	89.1	133	147	162
18	113	168	186	205
19	126	187	207	228
20	139	207	230	253
22	168	251	278	306
24	200	299	331	365
26	235	351	388	428
28	273	407	450	496
32	356	531	588	648
36	451	672	744	820
38	503	749	829	914
40	557	830	919	1013
44	674	1004	1112	1225
48	802	1195	1323	1458
52	941	1402	1553	1711
56	1090	1626	1801	1985
60	1250	1867	2067	2278

8X36SW+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
13	72.8	106	118	130
14	81.8	124	137	151
16	108	161	179	197
18	142	204	226	249
19	151	227	252	278
20	169	252	279	308
22	205	305	338	372
24	246	363	402	443
26	287	426	472	520
28	331	494	547	603
32	432	645	715	787
36	549	817	904	997
38	610	910	1008	1110
40	676	1010	1120	1230
44	816	1220	1350	1490
48	973	1450	1610	1770
52	1143	1700	1890	2080
56	1328	1980	2190	2410
60	1521	2270	2510	2770



INDIROPE-K-8x36SW(1-7-7+7-14)+IWRC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated
- High Breaking Strength

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-8x36SW(1-7-7+7-14)+IWRC

COMPACTED ROPE

NOTE:-

Sizes and Values not shown below
are also available on request



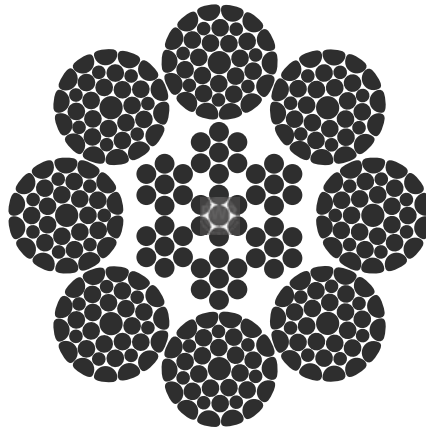
IWRC

APPLICATIONS



CRANE

MOBILE LATTICE
BOOM CRANES



IWRC

8x36SW-K-(1-7-7+7-14)+IWRC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
10	45	70	78	86
12	65	102	113	124
14	88	138	152	168
16	116	180	200	220
19	163	254	281	310
20	181	281	311	343
22	219	341	377	416
24	261	406	449	495
26	304	476	527	581
28	353	551	611	673
30	406	633	701	773
32	460	720	798	879
34	522	814	901	993
36	583	912	1010	1113
38	651	1016	1125	1240
40	721	1126	1247	1374
44	872	1362	1508	1662
46	952	1489	1649	1817
48	1039	1622	1796	1979
50	1125	1759	1948	2147
52	1218	1903	2107	2322



INDIROPE-K-8x37SF(12-12-6F-6-1)+IWRC-PVF

COMPACTED DRAG PLAST PLASTIC VALLEY FILLED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Full rope is plastic encapsulated.
- Maintenance free rope - no relubrication is required.
- Very high service life compared to normal.
- Superior bend fatigue.
- No friction between strand to core and strand to strand
- Highest value for money - lowest life cycle cost.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-8x37SF(12-12-6F-6-1)+IWRC-PVF

COMPACTED DRAG PLAST PLASTIC VALLEY FILLED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request

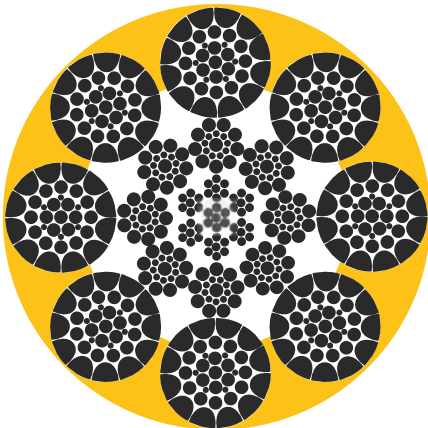


IWRC

APPLICATIONS



MINING
DRAGLINE DRAG
AND HOIST



IWRC

8X37SF-K-Drag Plast Plastic Valley Filled Rope		
Dia (mm)	Kg/100m	MBL(kN)
38	639	981
40	708	1089
42	780	1197
44	874.1	1344
46	936	1422
48	1019	1550
50	1106	1678
52	1245.8	1815
54	1290	1962
56	1387	2099
58	1488	2256
60	1683.3	2433

INDIROPE-8x41WS(16-8+8-8-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- High Flexibility

IWRC

- Excellent wear resistance and extrusion resistance

FC/IWRC

- Provide longer service life, with smooth outer surface and larger contact area, it can reduce wear between steel rope, pulley and drum.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x41WS(16-8+8-8-1)+FC/IWRC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

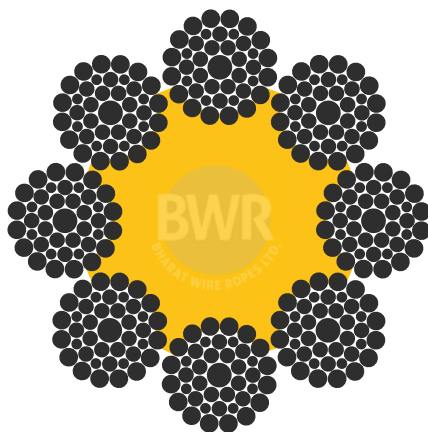


IWRC

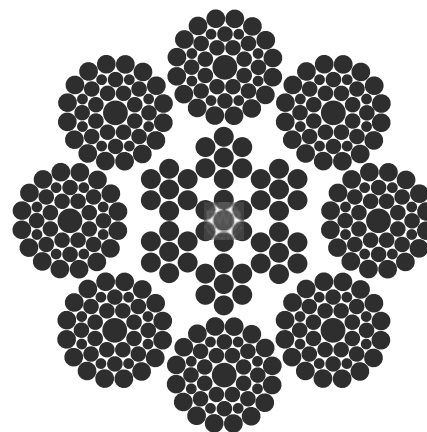
APPLICATIONS



SHIPPING
SHIP
MOORING



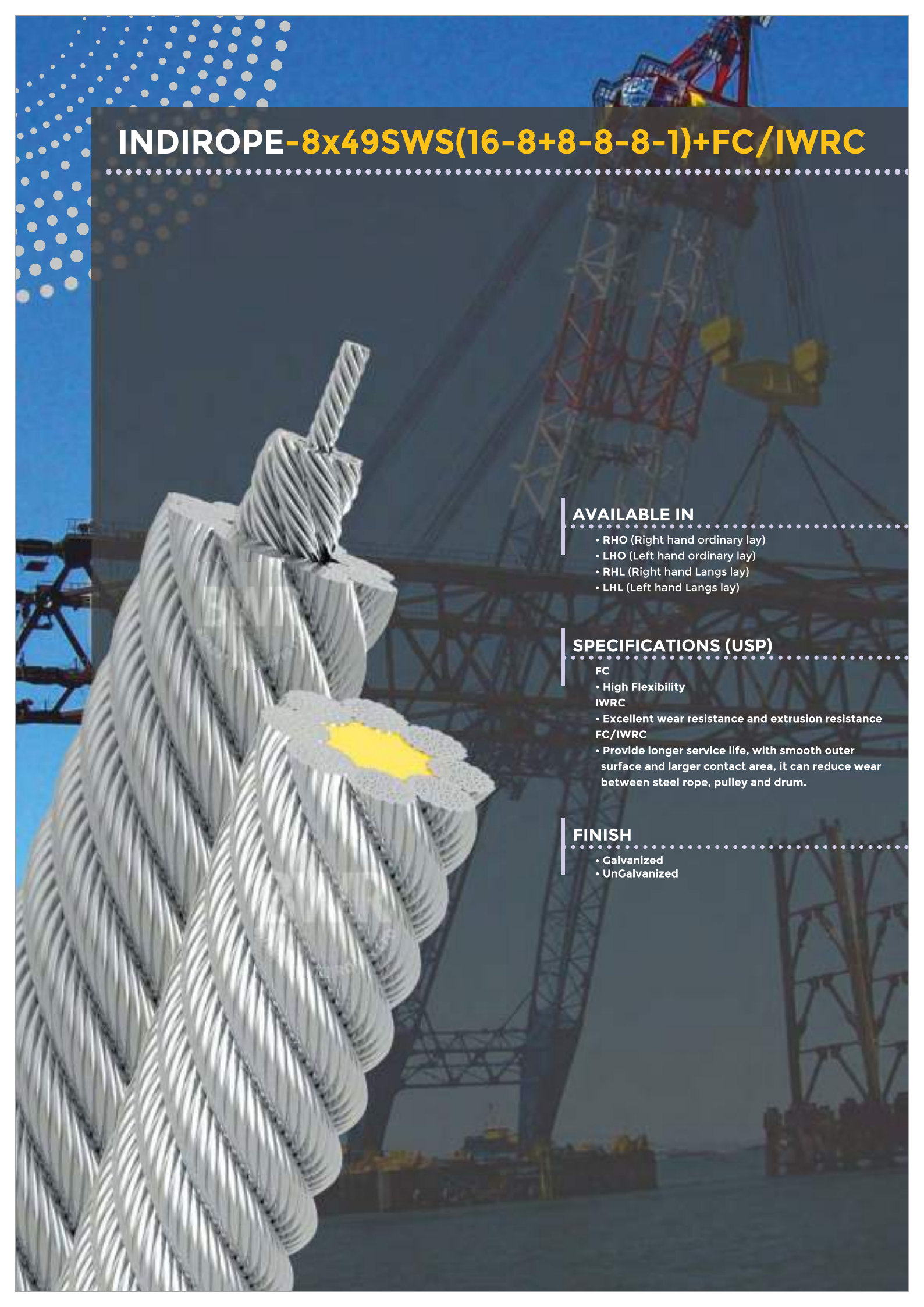
FC



IWRC

8X41SW+FC		MBL(kN)	
Dia (mm)	Kg/100m	1770	1960
40	557	830	919
44	674	1000	1110
48	802	1200	1320
52	941	1400	1550
56	1090	1630	1800
60	1250	1870	2070
64	-	-	-
68	-	-	-
70	-	-	-
72	-	-	-
76	-	-	-
78	-	-	-
80	-	-	-
84	-	-	-
86	-	-	-
88	-	-	-
90	-	-	-
-	-	-	-

8X41SW+IWRC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
40	673	1008	1116	1230
44	816	1220	1351	1489
46	892	1333	1476	1627
48	969	1452	1608	1772
52	1141	1704	1887	2079
56	1320	1976	2188	2411
60	1518	2268	2512	2768
64	1724	2438	2700	2975
68	1951	2753	3048	3359
70	2063	2917	3230	3559
72	2183	3086	3417	3766
76	2432	3439	3807	4196
78	2562	3622	4010	4420
80	2694	3810	4218	4649
84	2974	4200	4651	5126
86	3115	4403	4875	5373
88	3265	4610	5104	5625
90	3421	4822	5339	5884



INDIROPE-8x49SWS(16-8+8-8-8-1)+FC/IWRC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

FC

- High Flexibility

IWRC

- Excellent wear resistance and extrusion resistance

FC/IWRC

- Provide longer service life, with smooth outer surface and larger contact area, it can reduce wear between steel rope, pulley and drum.

FINISH

- Galvanized
- UnGalvanized

INDIROPE-8x49SWS(16-8+8-8-8-1)+FC/IWRC

STANDARD ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



FC

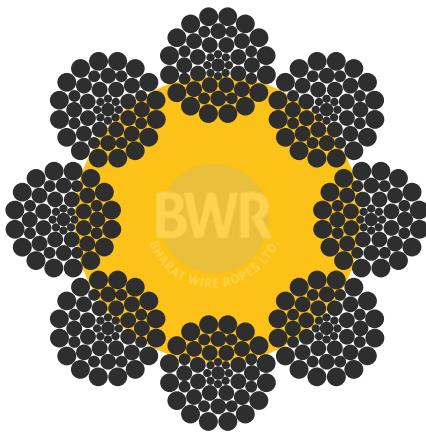


IWRC

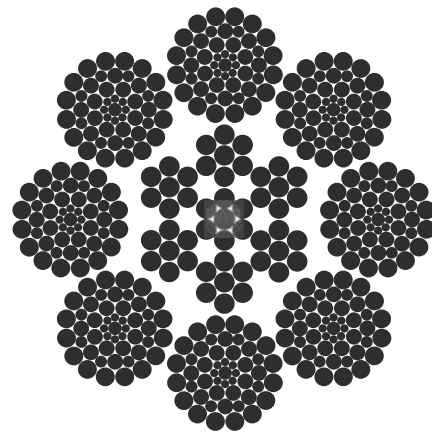
APPLICATIONS



SHIPPING
SHIP
MOORING



FC



IWRC

8X49SW+FC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
32	353.8	598	663	730
34	399.4	675	748	824
36	447.8	757	839	923
38	498.9	843	934	1029
40	552.8	934	1035	1140
44	668.9	1130	1253	1379
46	731.1	1235	1369	1508
48	796	1345	1491	1642
50	863.8	1459	1618	1781
52	934.2	1578	1749	1927
54	1007.5	1702	1887	2078
56	1083.5	1831	2029	2234
58	1162.3	1964	2177	2397
60	1243.8	2102	2329	2565
64	1415.2	2391	2650	2918
68	1597.6	2699	2992	3295
70	1693	2860	3170	3491
72	1791.1	3026	3354	3694

8X49SW+IWRC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
40	681	1008	1116	1230
44	823	1220	1351	1489
46	901	1333	1476	1627
48	979	1452	1608	1772
52	1149	1704	1887	2079
56	1333	1976	2188	2411
60	1532	2268	2512	2768
64	1744	2438	2700	2975
68	1967	2753	3048	3359
70	2083	2917	3230	3559
72	2204	3086	3417	3766
76	2458	3439	3807	4196
78	2585	3622	4010	4420
80	2726	3810	4218	4649
84	3005	4200	4651	5126
86	3144	4403	4875	5373
88	3298	4610	5104	5625
90	3447	4822	5339	5884



INDIROPE-18x7(6-1)+WSC

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated
- Good Rotation Resistance

FINISH

- Galvanized
- UnGalvanized

INDIROPE-18x7(6-1)+WSC

GENERAL ROPE

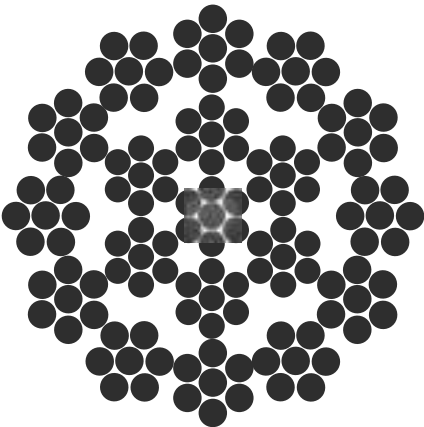
NOTE:-
Sizes and Values not shown below
are also available on request



APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



WSC

18X7+WSC		MBL(kN)		
Dia	Kg/100m	1770	1960	2160
8	27	37.2	41.1	45
9	34	47	52.1	57
10	42	58.1	64.3	71
11	50	70.2	77.8	86
12	59	83.6	92.6	102
13	70	98.1	109	120
14	81	114	126	139
16	107	149	165	182
18	134	188	208	229
19	151	210	232	256
20	165	232	257	283
22	201	281	311	343
24	239	334	370	408
26	281	392	435	479
28	325	455	504	555
32	429	594	658	725
36	541	752	833	918
38	604	838	928	1023
40	670	929	1029	1134

INDIROPE-K-19x7(6-1)+WSC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-19x7(6-1)+WSC

COMPACTED ROPE

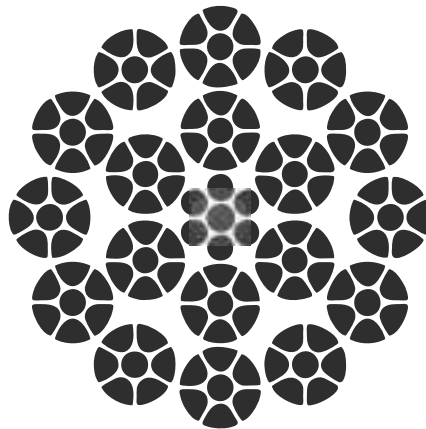
NOTE:-
Sizes and Values not shown below
are also available on request



APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



WSC

19x7(6-1)-K-WSC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
13	85	123	136	150
14	98	142	157	173
15	113	163	181	199
16	128	186	206	227
17	145	210	232	256
18	162	235	260	287
20	201	290	321	354
22	243	351	388	428
24	289	418	463	510
25	313	453	502	553
26	339	490	543	598
28	393	569	630	694
30	451	652	722	796
32	513	742	822	906

INDIROPE-K-35x7(6-1)+WSC

COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Good Abrasion Resistance
- High Flexibility
- Specially Lubricated
- Rotation Resistance

FINISH

- Galvanized
- UnGalvanized

INDIROPE-K-35x7(6-1)+WSC

COMPACTED ROPE

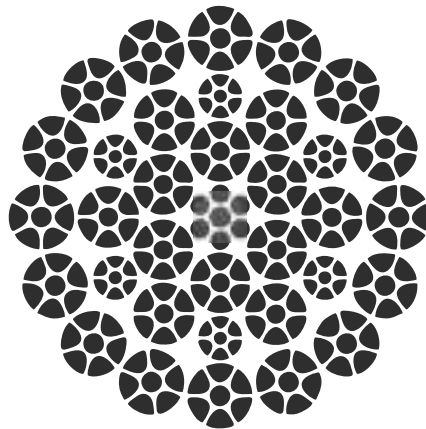
NOTE:-
Sizes and Values not shown below
are also available on request



APPLICATIONS

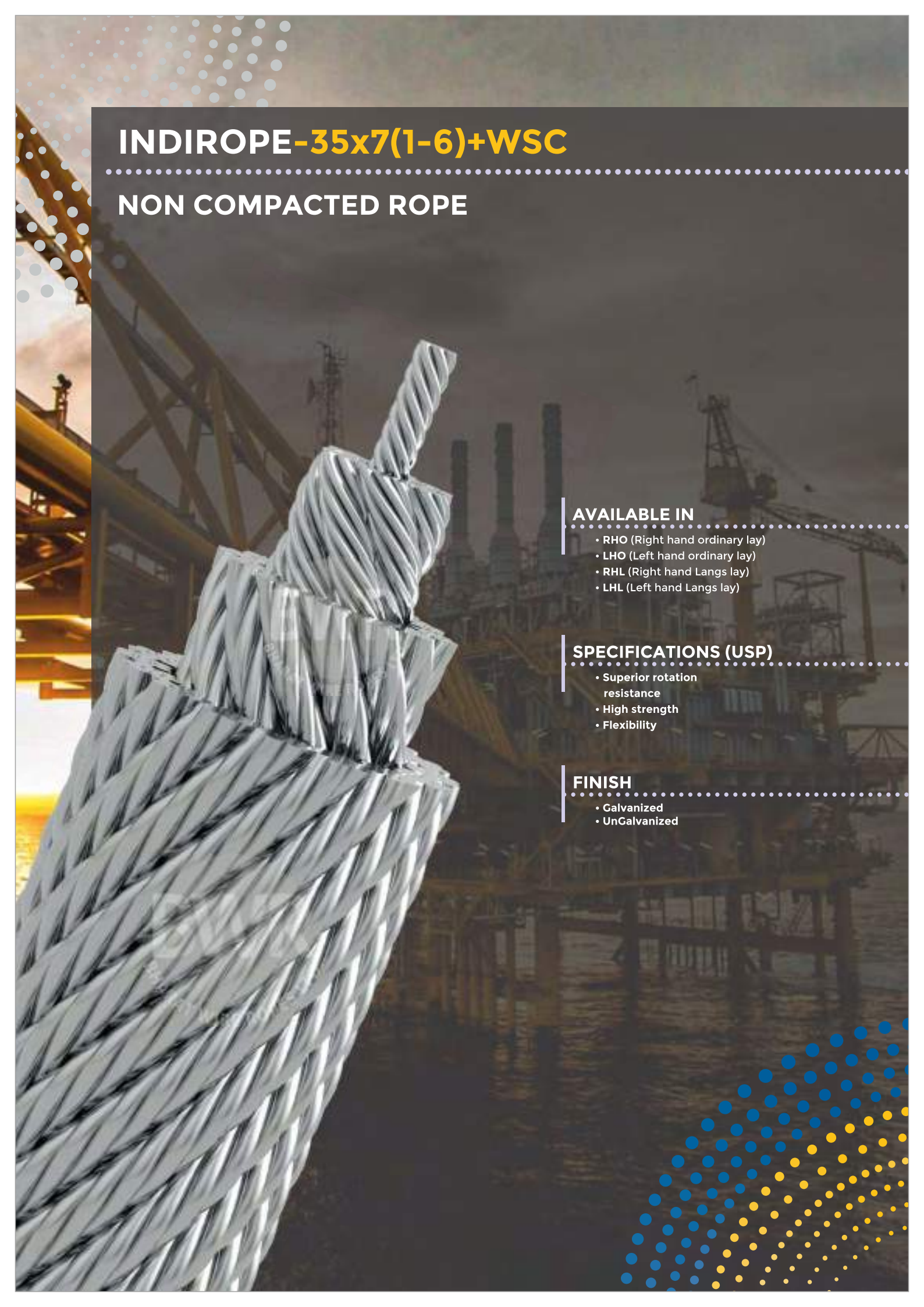


CRANE
MOBILE LATTICE
BOOM CRANES



WSC

35x7-K+WSC Compacted		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
14	101	157	174	192
16	133	207	229	252
18	164	263	291	321
19	184	294	326	359
20	207	327	362	399
22	244	397	439	484
24	288	469	519	572
26	340	542	600	661
28	409	646	715	788
30	448	705	780	860
32	512	792	877	967
35	615	893	990	1090
38	723	1053	1166	1286
40	803	1177	1304	1437
42	886	1301	1441	1588
46	1063	1594	1765	1906
48	1158	1680	1860	2050



INDIROPE-35x7(1-6)+WSC

NON COMPACTED ROPE

AVAILABLE IN

- RHO (Right hand ordinary lay)
- LHO (Left hand ordinary lay)
- RHL (Right hand Langs lay)
- LHL (Left hand Langs lay)

SPECIFICATIONS (USP)

- Superior rotation resistance
- High strength
- Flexibility

FINISH

- Galvanized
- UnGalvanized

INDIROPE-35x7(6-1)+WSC

NON COMPACTED ROPE

NOTE:-
Sizes and Values not shown below
are also available on request



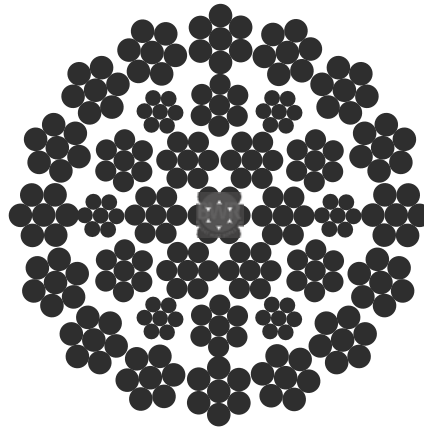
APPLICATIONS



CRANE
MOBILE LATTICE
BOOM CRANES



OIL & GAS
DRILL LINES



WSC

35x7+WSC		MBL(kN)		
Dia (mm)	Kg/100m	1770	1960	2160
10	43	63	70.6	76
12	62	90.7	102	109
13	73	106	119	128
14	84	124	138	148
16	110	161	181	194
18	140	204	229	245
19	155	227	255	273
20	174	252	282	302
22	208	305	342	366
24	248	363	406	435
26	292	426	477	511
28	339	494	553	593
30	387	567	635	680
32	441	645	723	774
35	531	772	864	926
36	561	817	914	980
38	625	910	1020	1092
40	693	1008	1130	1210
42	764	1112	1245	1334
44	838	1220	1366	1464
48	997	1452	1626	1742

BHARAT WIRE ROPES LTD.

Conversion Factors

MASS

Long Tons (UK)	: A long ton is a British measurement and equivalent to 2,240 pounds. Not to be confused with the US "short ton"
Short Tons (US)	: United States measurement also known as a short ton that equals 2,000 pounds.
Long Metric Tons (or Tonnes)	: A unit of weight equal to 1,000 kilograms, or 2,204.6 pounds.

FORCE

To convert from	To	Multiply by
dyne(dyn)	newton(N)	1.0 E-05
kilogram-force(kgf)	newton(N)	9.80665
kilopond (kilogram-force)(kp)	newton(N)	9.80665
kip(1 kip=1000lbf)	newton(N)	4.448222 E+03
kip (1 kip=1000lbf)	kilonewton(kN)	4.448222
ounce (avoirdupois)- force (ozf)	newton(N)	2.780139 E-01
poundal	newton(N)	1.382550 E-01
pound-force(lbf)	newton(N)	4.448222
pound-force per pound (lbf/lb)(thrust to mass ratio)	newton per kilogram(N/kg)	9.80665
ton-force (2000 lbf)	newton(N)	8.896443 E+03
ton-force (2000 lbf)	kilonewton(kN)	8.896443
pound-force per foot(lbf/ft)	newton per metre(N/m)	1.459390 E+01
pound-force per inch(lbf/in)	newton per metre(N/m)	1.751268 E+02

LENGTH

To convert from	To	Multiply by
meters (m)	ft	3.28084
kilometers (km)	miles	0.621371
meters (m)	fathoms	0.54545



NOTES



Mumbai
Corporate Office



Chalisgaon
Registered Office &
Manufacturing Facility



Atgaon
Manufacturing Facility

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Registered Office & Factory:

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Factory:

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