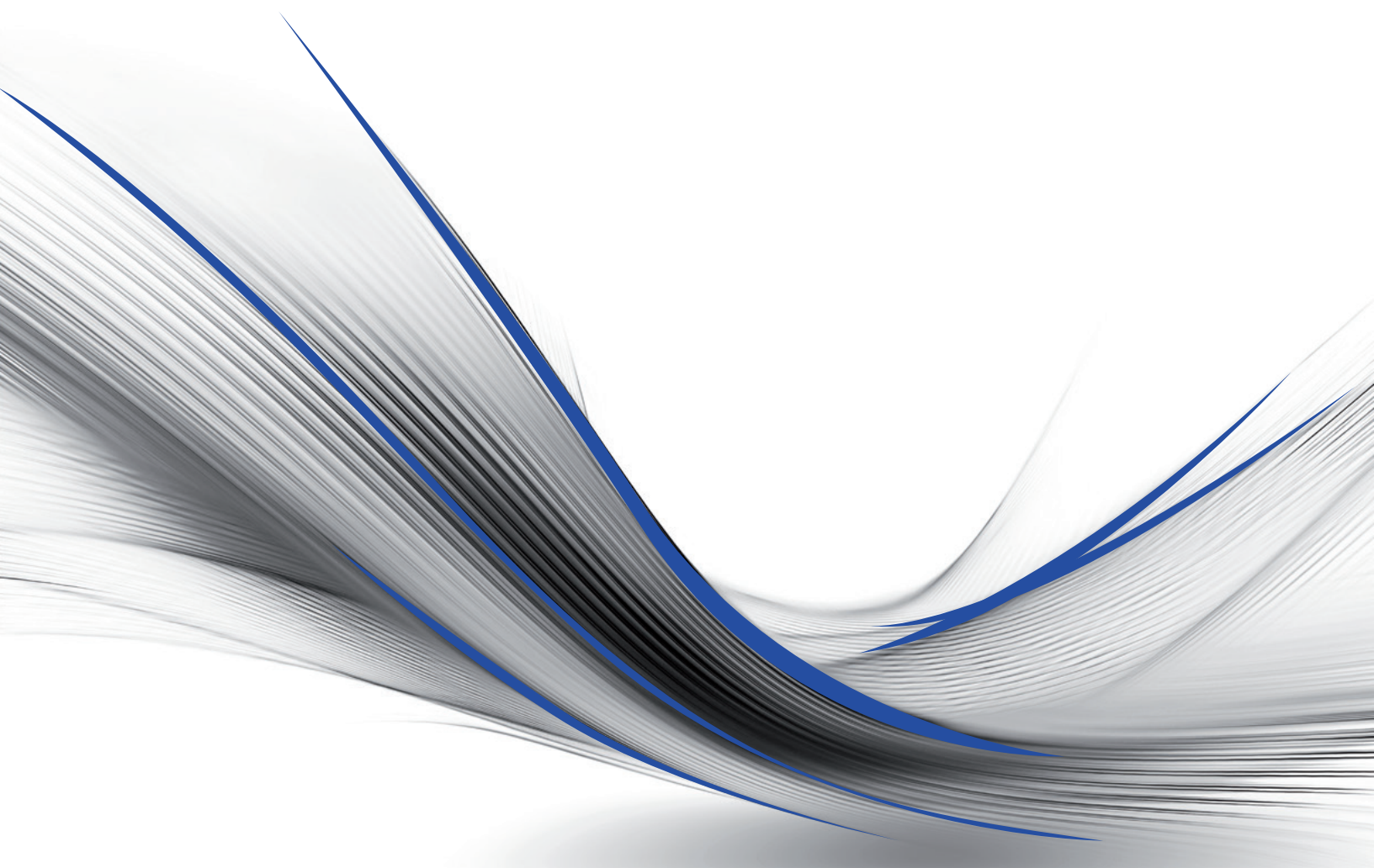




DRILLMAX



BruntonShaw
STRENGTH IN SERVICE 

**ROPES FOR
OIL & GAS EXPLORATION**

NEXT GENERATION STEEL WIRE ROPES FOR OIL & GAS APPLICATIONS

BruntonShaw
STRENGTH IN SERVICE

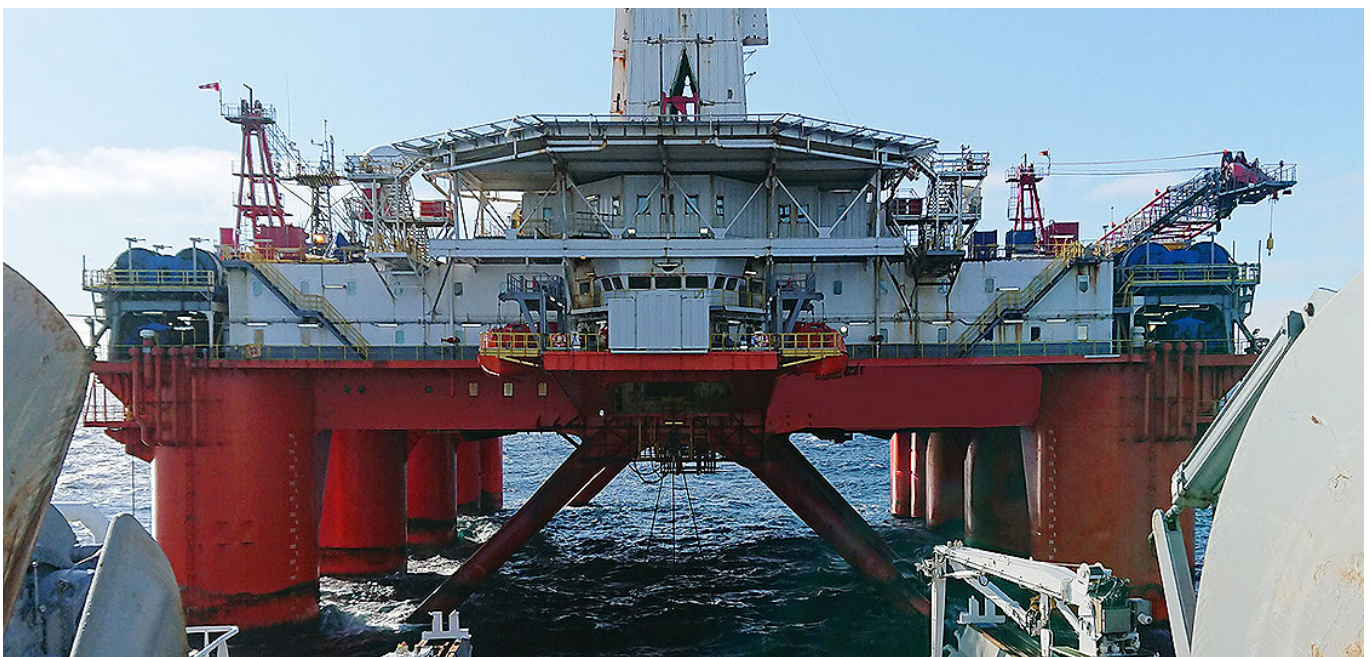
With decades of experience in manufacturing special ropes, Brunton Shaw has undertaken a major expansion program to develop the next generation of steel ropes for oil & gas applications under a new brand name.



These ropes are designed and manufactured to the very strict technical specifications demanded by our customers for today's challenging conditions.

Our highly competent and customer focused team works in close co-operation with customers to bring highly innovative solutions to the most challenging problems faced the oil & gas applications.

As part of the world renowned Usha Martin Group, Brunton Shaw benefits from the continuous investment in new technology, state of the art manufacturing plant and new product development that is required to meet the exacting demands of the oil & gas industry as it tackles more hostile conditions and deeper waters.



Usha Martin is a leading global manufacturer of wire ropes. Established in the year 1960, the organization has grown from strength to strength to establish itself as the market leader with its multi-unit and multi-product portfolio. Usha Martin’s wire rope manufacturing facilities in Ranchi, Hoshiarpur, Dubai, Bangkok and UK produce the widest range of wire ropes that find application in various industries across the world. All of the company’s infrastructural facilities are equipped with the latest state-of-the-art high capacity machines to manufacture world-class products.

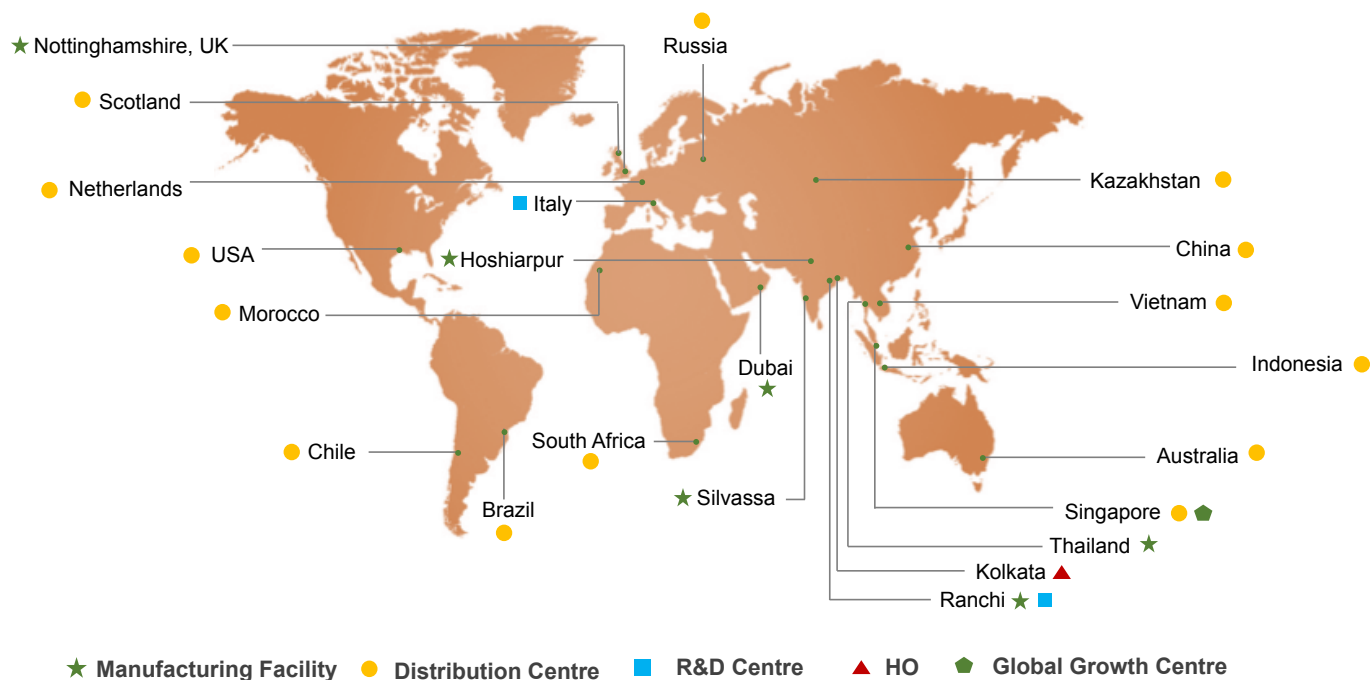
Our Global R&D center located in Italy is actively engaged in designing of wire ropes and uses proprietary design software to develop products that are the best in class. Usha Martin also has a comprehensive R&D facility in their manufacturing unit at Ranchi in India.

Long standing application in diverse sectors like Oil & Offshore, Mining, Crane, Elevator, Infrastructure etc. is the testimony of our expertise in manufacturing high quality wire rope products. As a business entity, we have always focused on delivering value added products and services. To ensure that our commitment to quality percolates through every sphere of our operations, we have built a robust network of capabilities spread across the globe. Our distribution centers are located in the United Kingdom, North America, South America, The Netherlands, Australia, Russia, Singapore, South Africa, Indonesia, Vietnam, China, Kazakhstan, Iran etc.

Usha Martin’s facility in Ranchi is one of the world’s largest wire rope manufacturing units. Other than wire rope, this unit also manufactures LRPC strands, customized for diversified applications in Infrastructural development works, Renewable energy installations, Construction and Maintenance of Bridges.

Usha Martin also has an enviable track record in manufacturing & supply of pre-stressing machines and accessories, backed by expert installation teams for Pre-stressing job. The facility in Ranchi also has an additional set-up for manufacturing high quality conveyor cords.

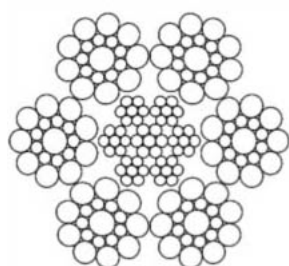
GLOBAL PRESENCE



Produced from selected materials of the highest quality. Brunton Shaw's Drilling Lines are used in many of the world's on-shore and offshore fields. Manufactured in accordance with standards laid down by the API and ISO – ANSI/API Specification 9A and ISO 10425.

Nominal Diameter		Mass		Minimum Breaking Load			
Imperial	Metric	Imperial	Metric	EIP /1960		EEIP/ 2160	
Inches	mm	lb/ft	kg/m	kN	Tonnes	kN	Tonnes
1	25.4	1.85	2.75	460	46.9	506	51.6
1-1/8	28.6	2.34	3.48	578	59.0	636	64.9
1-1/4	31.8	2.89	4.30	711	72.5	782	79.8
1-3/8	34.9	3.49	5.19	854	87.1	943	96.2
1-1/2	38.1	4.16	6.19	1010	103	1110	113
1-5/8	41.3	4.88	7.26	1170	120	1300	132
1-3/4	44.5	5.66	8.42	1360	139	1500	153
2	50.8	7.39	11.0	1760	180	1930	197
2-1/8	54	8.34	12.4	1960	200	2160	220
2-1/4	57.2	9.35	13.9	2200	224	2420	246

These figures are for guidance only. Other features, such as MBF, dimensions, lay type and plastic fill can be designed on request.

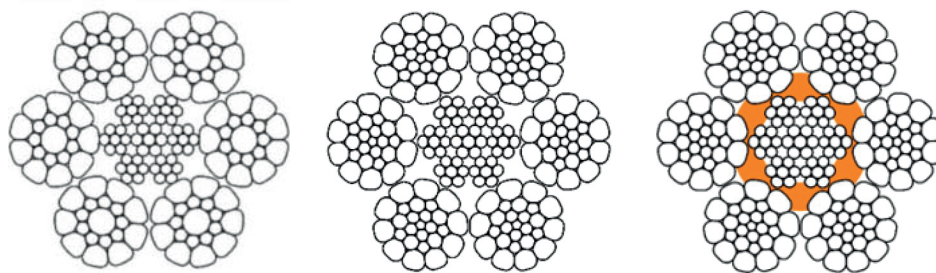


- Conventional construction
- Good abrasion resistance
- Fully lubricated internally and externally
- Compliant to international standards

Produced from selected materials of the highest quality. Brunton Shaw's Drilling Lines are used in many of the world's on-shore and offshore fields. Manufactured in accordance with standards laid down by the API and ISO – ANSI/API Specification 9A and ISO 10425. These vital characteristics can be further enhanced by compaction and/or plastic encapsulation of the central steel core or by complete plastic impregnation of the rope itself.

Nominal Diameter		Mass		Minimum Breaking Load			
Imperial	Metric	Imperial	Metric	EIP /1960		EEIP/ 2160	
Inches	mm	lb/ft	kg/m	kN	Tonnes	kN	Tonnes
1	25.4	1.91	2.84	548	55.9	594	60.6
1-1/8	28.6	2.45	3.64	694	70.7	751	76.6
1-1/4	31.8	3.02	4.49	857	87.4	917	93.5
1-3/8	34.9	3.65	5.42	1040	106	1110	113
1-1/2	38.1	4.34	6.45	1230	125	1300	133
1-5/8	41.3	5.09	7.56	1450	148	1530	156
1-3/4	44.5	5.91	8.77	1680	171	1780	181
2	50.8	7.66	11.4	2190	223	2320	236
2-1/8	54	8.65	12.8	2480	253	2620	267
2-1/4	57.2	10.0	14.8	2860	292	3030	309

These figures are for guidance only. Other features, such as MBF, dimensions, lay type and plastic fill can be designed on request.

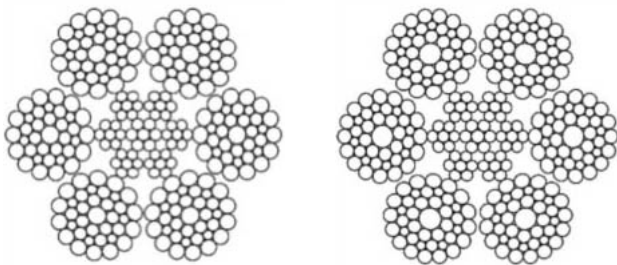


- Compliant to international standards
- High Fatigue Resistance
- High Dimensional Stability Enhanced with Compaction

The nature of the application demands a wire rope with the optimum combination of flexibility and fatigue resistance.

Nominal Diameter		Mass		Minimum Breaking Load			
Imperial	Metric	Imperial	Metric	EIP /1960		EEIP/ 2160	
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2-1/4	57.2	9.35	13.9	2200	224	2420	246
2-3/8	60.3	10.4	15.5	2450	250	2700	274
2-1/2	63.5	11.5	17.2	2720	277	2990	304
2-5/8	66.7	12.7	18.9	2990	305	3290	335
2-3/4	69.9	14.0	20.8	3290	335	3620	367
2-7/8	73	15.3	22.7	3590	366	3950	402
3	76.2	16.6	24.7	3910	398	4300	437

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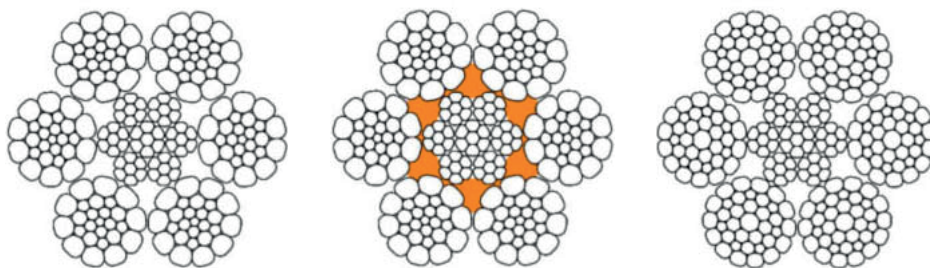


- Conventional construction
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- Fully lubricated internally and externally
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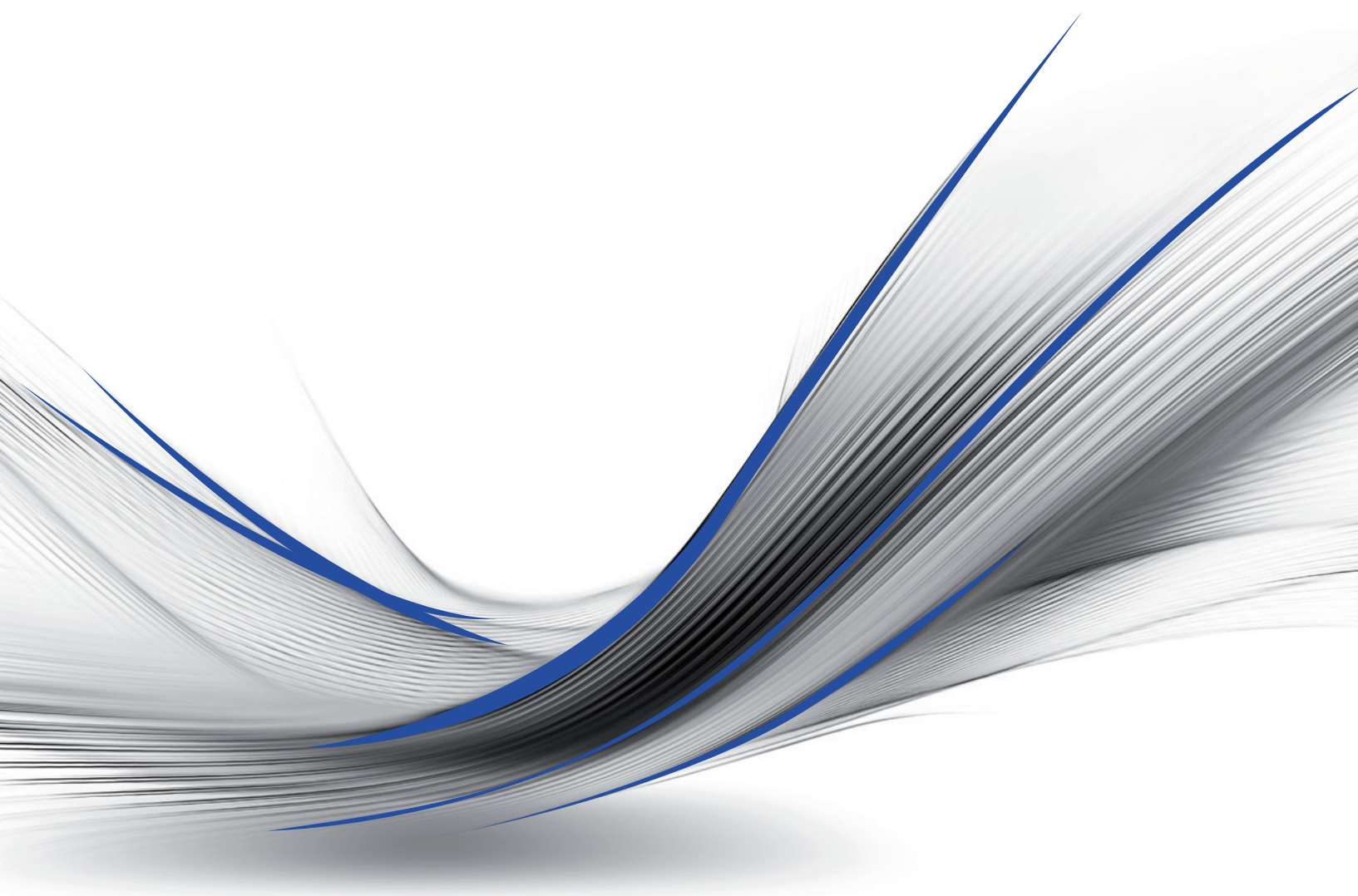
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2-1/8	54	8.83	13.1	2480	253	2620	267
2-1/4	57.2	10.2	15.1	2860	292	3030	309
2-3/8	60	11.0	16.4	3090	315	3280	334
2-1/2	64	12.4	18.4	3480	355	3690	376
2-5/8	66.6	13.5	20.0	3780	385	4000	408
2-3/4	70	14.8	22.1	4170	424	4410	450
2-7/8	73	16.2	24.0	4530	462	4800	489
3	76.2	17.6	26.1	4940	504	5230	533

These figures are for guidance only. Other features, such as MBF, dimensions, lay type and plastic fill can be designed on request.



- Compliant to international standards
- High Fatigue Resistance
- High Dimensional Stability Enhanced with Compaction



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