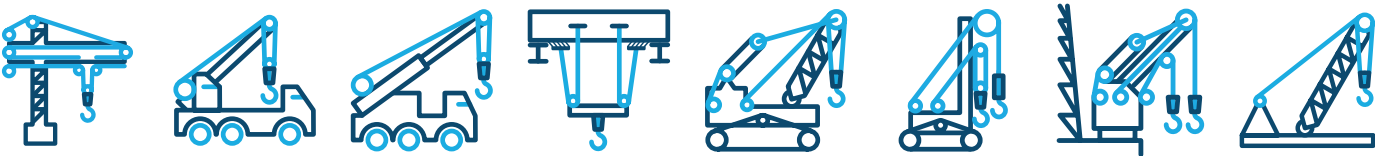


application guide.

Crane Type	Application	Dyform 6 Series	8 Series / PI / Bristar	Dyform 8 Series	Dyform 8 MAX Series	Dyform DSC8 Series	Dyform DSC8 MAX Series	Dyform 4 Series	Dyform 34LR Series	Dyform 34LR MAX Series	Dyform 50DB Series	Dyform 36LR Series	Dyform 36LR / PI+
Tower Crane	Main Hoist								✓	✓	✓	✓	
	Boom Hoist / Trolley	✓	✓	✓	✓	✓	✓						
Crawler Crane	Main Hoist								✓	✓	✓	✓	
	Boom Hoist	✓		✓	✓	✓	✓						
	Boom Pendant	✓		✓	✓								
Deck Crane	Main Hoist							✓	✓	✓			✓
	Boom Hoist	✓		✓	✓								
Piling / Rotary Drill Machine	Main Hoist								✓	✓		✓	
	Boom Hoist / Feed	✓		✓	✓								
Diaphragm Walling Machine	Main Hoist								✓	✓			✓
	Boom Hoist	✓		✓	✓								
Mobile Crane	Hoist								✓		✓	✓	
RTG / RMG / VC	Hoist	✓		✓									
STS	Hoist	✓	✓	✓									
	Boom Hoist	✓	✓	✓	✓		✓						
Mobile Harbour Crane	Hoist	✓		✓									
Floating & Barge Crane	Hoist	✓		✓									
	Whip Hoist								✓	✓		✓	
	Boom Hoist	✓		✓	✓	✓	✓						
	Boom Pendant	✓		✓	✓								
Large Overhead Cranes	Hoist	✓	✓	✓									
Small Overhead Cranes	Hoist	✓		✓		✓	✓						

superior performance in every application.



technologies.

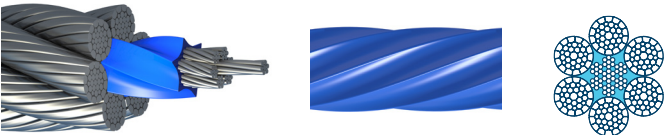
Polymer Technologies

PLASTIC IMPREGNATION

High performance plastic impregnation is designed to offer an internal cushioning layer to the inter-strand contact points especially between core to cover on multi-strand low rotation ropes improving bend fatigue and core service life.

DYFORM BRISTAR®

Dyform Bristar® ropes construction reduces sheave wear and point to point loading, which combined with the superior dynamic structural stability provided by the Bristar core, ensures exceptional performance.



Lubricants

Ropes are like any other machine, and to achieve maximum operating life in service, lubrication must be applied.

Bridon-Bekaert's unequalled experience in the world of wire rope manufacture and many years spent in the development of specialist in service lubricants have been used in the formulation of the Brilube range of products. Brilube's advanced formulation with proven performance helps to get the best from your rope.

Sockets

Sockets are made for North American & European designed cranes.

CAPABILITIES

- Attachments & installation
- Testing & inspection
- Engineering & certification



Rope Compaction

DYFORM®

Bridon-Bekaert manufactures ropes using a unique Dyforming process that compacts the strands as shown below. The smooth surface of the "Dyform" product provides improved rope to sheave contact leading to reduced wear on both rope and sheave.

Increased cross-sectional steel area increases breaking load and improves inter - wire contact ensures that the rope will operate with lower internal stress levels resulting in longer bending fatigue life and lower costs.



MAX TECHNOLOGY

Bridon-Bekaert manufactures ropes using rotary hammer swaging and a unique roller compaction process that compacts the outer rope surface as shown.

In comparison to traditional Dyform ropes the Max technology further improves rope to sheave contact and improved diameter stability leading to reduced wear on both rope and sheave.

Further increased cross-sectional steel area provides a robust construction with high breaking force and excellent crush resistance. Improved inter-wire contact ensures optimum spooling performance offering maximum resistance to damage for exceptional service life in the most demanding multi-layer drum applications.

