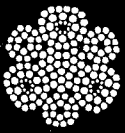
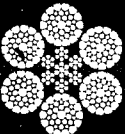
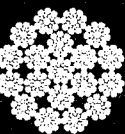

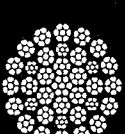
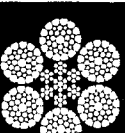
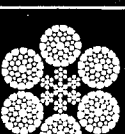
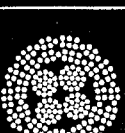
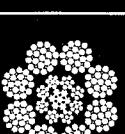


High Performance Wire Ropes

Characteristics		Typical Applications	
	<p>Constructex™ Made of three different strand constructions (7-wire, 24-wire and 40-wire strands). The nine strands are closed in one operation and lightly swaged to postform the rope and give the strands a triangular shape. Compacting increases strength and resistance to crushing. Plastic centers in the outside strands improve flexibility and spooling. The smooth outside surface enhances abrasion and scrubbing resistance. Constructex can provide 1½ to 2 times the service life of other wire ropes in severely abusive applications.</p>	<p>Tubing lines. Logging lines. Winch lines. Boom hoists. Scrap yard, mobile and overhead traveling cranes. Ore unloaders and ore bridges. Hot bed conveyors and car haulage.</p>	
	<p>Dyform™ -6 The Dyforming process produces high density wire rope made with compacted strands. Dyform-6 is a six strand construction with an Independent Wire Rope Core (IWRC). It meets or exceeds strength requirements of EIPPS rope. The compact strand construction provides better flexibility, bending life and crush resistance than standard 6-strand ropes. Compacting also produces a smooth surface for reduced bearing pressure; and increases the steel area by 100% for higher abrasion resistance and less sheave wear.</p>	<p>Boom hoist, load hoist and winch lines. Holding, closing, crowd and retract lines. Blast furnace skip hoist and bell operating ropes. Ore bridges and ore unloaders. Stripper, soaking pit, hot metal, scrap yard, mobile and overhead traveling cranes. Hot bed conveyors. Car haulage. Marine cargo falls.</p>	
	<p>Dyform™ -18 Dyform-18 is a multi-layer, compacted strand construction with outside strands laid opposite the inside strands. It offers better rotation resistance, better resistance to bending fatigue and up to 25% greater strength than conventional 19 x 7 EIPS wire rope. Dyform-18 may be used where strength limitations precluded rotation resistant wire rope in the past. The larger strand surface area gives excellent resistance to abrasion and reduced sheave and drum wear. Compacting also provides better resistance to crushing and allows multi-reeving of a rotation resistant rope.</p>	<p>Hoist lines on cranes with long lifts where block spinning occurs. Multi-part hoist line where drum crushing is a concern. Single part hoist lines where added strength is needed. Main and auxiliary hoist ropes where low rotation is required. Scrap yard, locomotive truck and crawler cranes. Car haulage. Underground mine shaft sinking and counterweight ropes.</p>	
	<p>Dyform™ -18 HSLR Dyform-18 HSLR (high strength, low rotation) is a modified version of Dyform-18 with higher strength steel wires to produce strength 35% greater than 19 x 7 EIPS wire rope.</p>	<p>Same as Dyform-18 where added strength is required.</p>	
	<p>Dyform™ -34LR Strongest, most rotation resistant of all rotation resistant wire ropes; used for the most demanding hoisting applications.</p>	<p>35LS Same rotation resistance as Dyform-34LR; used for demanding applications where highest strength is not mandatory.</p>	<p>Tower crane hoist lines.</p>
	<p>Dyex™ High density wire rope made with compacted strands. Meets or exceeds strength requirements of EIPS rope. Provides better bending life, crush resistance and abrasion resistance than EIPS rope.</p>	<p>Rotary drilling line. Riser-tensioner lines. Dragline hoist and drag ropes. Shovel hoist, crowd and retract ropes.</p>	
	<p>Dyplex™ Combines the benefits of the Dyform manufacturing process with a plastic jacketed, cushioned steel core to create higher strength, reduced wire nicking and internal stresses, easier handling, greater bending fatigue life and extended service life. Dyplex can more than double conventional 6 x 37 classification rope life. It has also outperformed plastic filled ropes by 30%.</p>	<p>Shovel hoist rope.</p>	
	<p>Briflex™ Multi-flat-stranded construction around a coreless strand that produces flexibility on one axis and rigidity along the other. It offers an exceptional combination of flexibility and rotation resistance.</p>	<p>Balance ropes for friction hoists.</p>	
	<p>TIGER-8™ Hoist and Drag Rope 8-strand wire ropes give longer life and reduced sheave wear because they have 33% greater bearing surface than 6-strand ropes of the same diameter. Different constructions are used to produce the optimum outside wire size for various operating situations.</p>	<p>Dragline hoist and drag rope, shovel hoist line.</p>	

Let us help with those hard to find items !

