



General Wire Rope Recommendations

Application	General Conditions	Severe Conditions
CRANES		
Overhead Traveling Cranes		
Hoist Lines (Main & Aux.)	6x25, 6x36	6-PAC, 8-PAC, Triple-PAC, SFP-19, SFP-35, Flex-X6
Tower Cranes		
Load Lines	SFP-35, Starlift Xtra, NR MaxiPack	SFP-35, Starlift Xtra, NR MaxiPack
Trolley Lines	6x25, 6x36, Stratoplast, 7-Flex	6-PAC, 8-PAC, HD 8K PPI, Flex-X 7CC, TurboPlast
Truck & Crawler Cranes		
Hoist Lines	6x25, 6x26, 6x36, 19x7, 35x7	6-PAC, Triple-PAC, 8-PAC, SFP 35x7, Starlift Plus, Starlift Xtra, NR Maxipact
Auxillary Lines	6x26, 6x36, 8x19, 19x7, 35x7	SFP-19, SFP-35, Starlift Plus, Starlift Xtra, NR Maxipact
Boom Hoist Lines	6x26, 6x26 Alternate Lay	6-PAC, 8-PAC, Super-PAC, Flattened Strand, Flex-X 6, Flex-X9, HD 8K PPI, Turbo Plast
Boom Pendant Lines	6x25, 6x26	6-PAC, Structural Strand ASTM A 586
Container Cranes		
Hoist Lines	6x25, 6x36	6-PAC, 8 PAC, Flex-X7CC, HD 8K PPI, TurboPlast
Trolley Lines	6x25, 6x36	6-PAC, 8-PAC, Flex-X7CC, HD 8K PPI, TurboPlast
Gantry Cranes (P&H, Demag, Kone)		
Main Hoist Lines	6x25, 6x26, 6x36, 7-Flex, Stratoplast (Hot Ladle Crane use No Melt Lube)	6-PAC, 8-PAC, Triple-PAC, SFP-19, SFP-35, Flex-X7CC, HD 8K PPI, TurboPlast
Auxillary Lines	6x25, 6x26, 6x36, 7-Flex, Stratoplast	6-PAC, 8-PAC, Triple-PAC, SFP-19, SFP-35, Flex-X7CC, HD 8K PPI, TurboPlast
Travel Lift Cranes (Mi-Jack, slab haulers)		
Hoist Lines	6x25, 6x26, 6x36, 7-Flex, Stratoplast	6-PAC, 8-PAC, Triple-PAC, Flex-X7CC, HD 8K PPI, TurboPlast
Drop Ball		
Load Lines	6x25, 6x26, 19x7	6-PAC, 8-PAC, 6x25 BXL, XLT-4
DREDGING		
Clamshell Dredges		
Holding & Closing Lines	6x25, 6x26, 6x36	6-PAC, Triple-PAC, Flex-X6
Swing Lines	6x25, 6x26, 6x36, 6x49	6-PAC, Super-PAC, Flex-X6
Boom Hoist Lines	6x26, 6x26 Alternate Lay	6-PAC, Super-PAC, Flattened Strand, Flex-X6, Flex-X9, HD 8K PPI, TurboPlast
Stern / Anchor Lines	6x25, 6x26	6-PAC, Flex-X6
Spud Lines	6x25, 6x36, 6x49	6-PAC, Super-PAC, 6x49 PFV
EXCAVATING		
Draglines		
Hoist Lines	(Lang Lay) 6x36, 6x49, PowerMax, 6x57, 8x36	(Lang Lay) 6x36, 6x49, 6x57, 8x36, PowerMax MD
Drag Lines	6x26, 6x31, 6x49 PowerMax, 6x57, 8x36	(Land Lay) 6x26, 6x49, 6x57, 8x36, PowerMax MD
Boom Lines	6x25, Structural Strand ASTM A 586	6-PAC, Structural Strand ASTM A 586
Shovels		
Hoist Lines	(Lang Lay) 6x36, TufMax	(Lang Lay) 8-PAC BXL, TufMax
Crowd & Retract Lines	(Lang Lay) 6x36, TufMax C/R	(Lang Lay) 8-PAC BXL, TufMax C/R
Boom Lines	6x25, Structural Strand ASTM A 586	6-PAC, Structural Strand ASTM A 586
Clamshells		
Hoist Lines	6x25, 6x26, 6x36	6-PAC, Triple-PAC, Flex-X6
Holding & Closing Lines	6x25, 6x26, 6x36	6-PAC, Triple-PAC, Flex-X6
Boom Lines	6x26, 6x26 Alternate Lay	6-PAC, Super-PAC, Flattened Strand, Flex-X6, Flex-X9, HD 8K PPI, TurboPlast