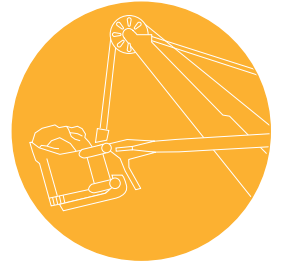


**Introducing  
the new CUSHION®  
ULTRA  
High-performance  
DRAGLINE ROPE**



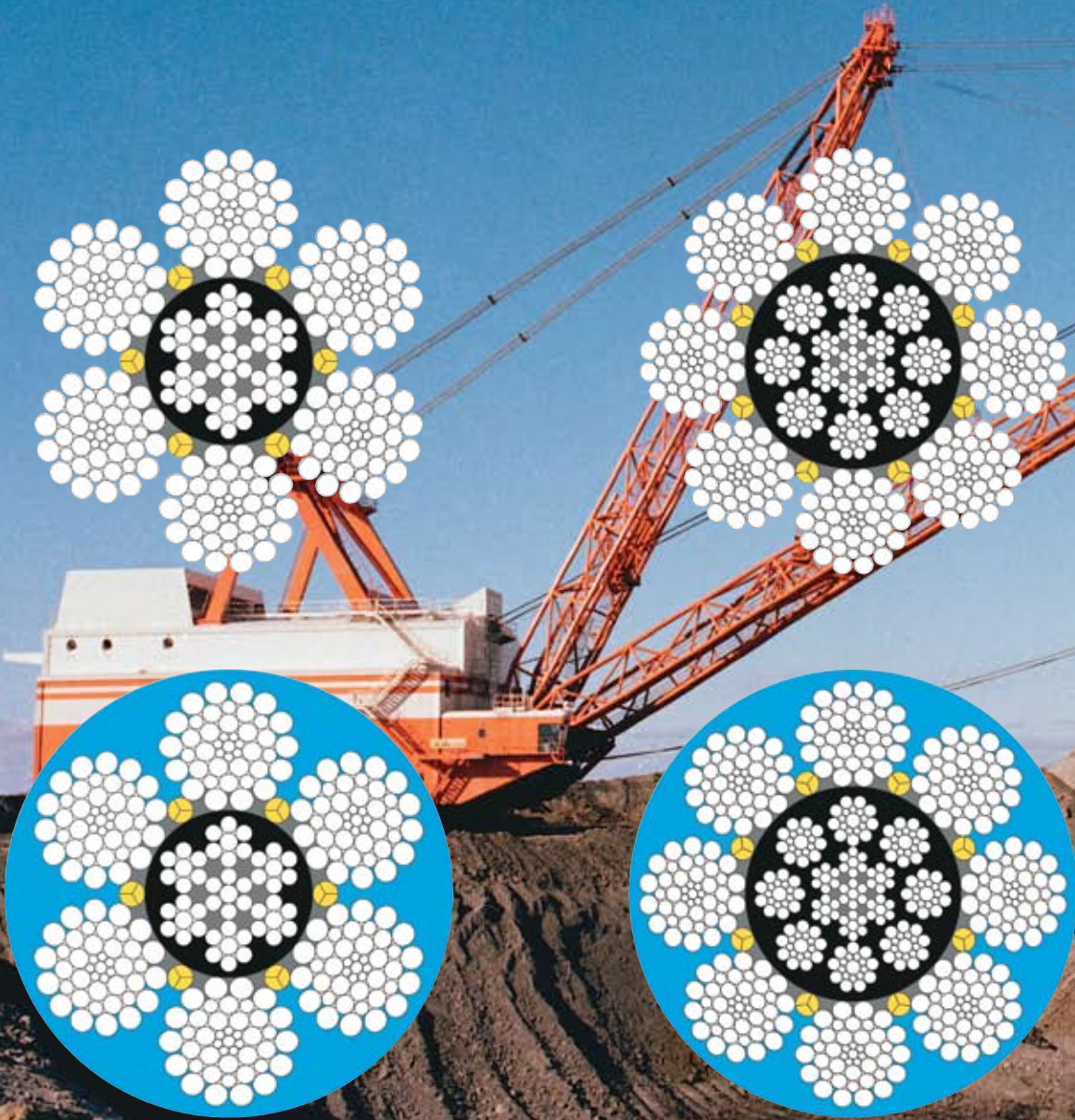
**MINEX®**



**WIRE ROPE  
INDUSTRIES**

*Outperform with our ropes*

Open pit dragline excavators are known to be one of the most demanding rope applications in the world. Patented CUSHION® ULTRA is specifically designed to meet these needs and provide superior rope performance for this rigorous application.



## 6 STRAND CONSTRUCTION

Larger strand diameter  
for improved  
resistance to abrasion.

## 8 STRAND CONSTRUCTION

Provides increased flexibility.  
Allows for equal distribution of  
the load pressures resulting in  
improved rope life.

# Special Features

## ADVANCED PLASTIC TECHNOLOGY (APT) CORE

- 3 Retains internal lubricant resulting in improved fatigue life.
- 3 Provides superior outer strand support and protects against metal to metal contact.

## OPTIMAL STRAND POSITIONING

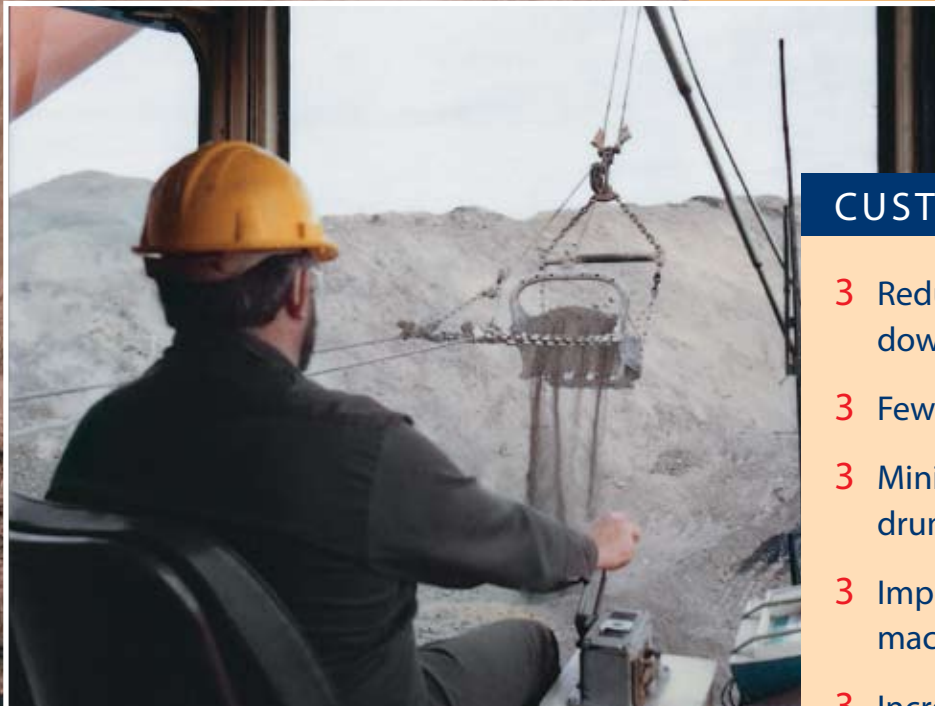
- 3 Exclusive inter strand spacers, prevent strand to strand contact and result in even strand gap.

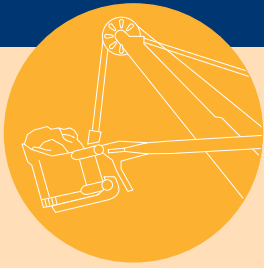
## INTERLOCKING OUTER PLASTIC JACKET

- 3 Ensures retention of the internal lubricants.
- 3 Minimizes abrasion on drums and sheaves.

## CUSTOMER BENEFITS

- 3 Reduced machine down time
- 3 Fewer rope change outs
- 3 Minimal sheave and drum wear
- 3 Improved rope and machine cleanliness
- 3 Increased productivity





## 6 STRAND CUSHION® ULTRA

### Weights and Breaking Loads

Diameter		Approx. Weight		Nominal Breaking Load	
Inches	(mm)	lb/ft	(kg/m)	Tons	(kN)
2-3/4	(70)	12.7	(18.9)	327	(2 914)
2-7/8	(73)	13.9	(20.6)	359	(3 191)
3	(76)	15.2	(22.6)	390	(3 468)
3-1/8	(79)	16.5	(24.6)	423	(3 763)
3-1/4	(83)	18.0	(26.7)	463	(4 117)
3-3/8	(86)	19.4	(28.8)	493	(4 389)
3-1/2	(89)	20.8	(31.0)	572	(5 091)
3-5/8	(92)	22.5	(33.4)	614	(5 461)
3-3/4	(95)	24.0	(35.7)	658	(5 855)
3-7/8	(98)	25.7	(38.2)	680	(6 054)
4	(102)	27.5	(41.0)	725	(6 450)
4-1/8	(105)	29.3	(43.6)	771	(6 860)
4-1/4	(108)	31.2	(46.5)	818	(7 282)
4-3/8	(111)	33.4	(49.6)	867	(7 718)
4-1/2	(114)	35.2	(52.4)	917	(8 164)
4-5/8	(117)	37.2	(55.4)	969	(8 624)
4-3/4	(121)	39.3	(58.4)	1 022	(9 096)
4-7/8	(124)	41.4	(61.5)	1 077	(9 581)
5	(127)	43.5	(64.7)	1 133	(10 079)

Breaking load values are subject to a minus tolerance of 5%.

## 8 STRAND CUSHION® ULTRA

### Weights and Breaking Loads

Diameter		Approx. Weight		Nominal Breaking Load	
Inches	(mm)	lb/ft	(kg/m)	Tons	(kN)
2-3/4	(70)	12.9	(19.1)	329	(2 924)
2-7/8	(73)	14.1	(20.9)	360	(3 200)
3	(76)	15.4	(22.9)	391	(3 480)
3-1/8	(79)	16.7	(24.9)	424	(3 776)
3-1/4	(83)	18.3	(27.2)	462	(4 112)
3-3/8	(86)	19.6	(29.2)	495	(4 405)
3-1/2	(89)	21.1	(31.4)	532	(4 737)
3-5/8	(92)	22.6	(33.6)	571	(5 081)
3-3/4	(95)	24.2	(36.0)	611	(5 438)
3-7/8	(98)	26.0	(38.7)	661	(5 880)
4	(102)	27.8	(41.4)	704	(6 265)
4-1/8	(105)	29.8	(44.3)	757	(6 739)
4-1/4	(108)	31.8	(47.3)	804	(7 153)
4-3/8	(111)	33.9	(50.5)	859	(7 641)
4-1/2	(114)	36.0	(53.6)	901	(8 020)
4-5/8	(117)	38.3	(57.0)	952	(8 471)
4-3/4	(121)	40.4	(60.1)	1 004	(8 935)
4-7/8	(124)	42.5	(63.3)	1 058	(9 412)
5	(127)	44.8	(66.6)	1 113	(9 901)

Breaking load values are subject to a minus tolerance of 5%.



**WIRE ROPE**  
INDUSTRIES

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or visit us at [www.wirerope.com](http://www.wirerope.com)