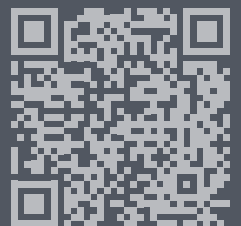




## **NITRIDED** INNER TUBES

Boart Longyear is focused on improving safety and productivity wherever possible. One of the latest field-proven designs we've brought to market are Nitrided inner tubes for wireline exploration. The improved tubes replace chrome-plated inner tubes throughout our standard offering.



## PERFORMANCE-FOCUSED TECHNOLOGY

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Chrome inner tubes have long been used to reduce blocking in broken ground. Unfortunately, chrome plating fractures and chips over time, contaminating core samples. In addition, as the plating chips away, the usefulness of the chrome tube falls off quickly.

The nitride process transforms the steel surface, providing a uniform layer of reduced friction and protection over the entire surface of the inner tube. The treatment results in an easy, efficient upgrade to your wireline system.

### ELIMINATE BLOCKING IN BROKEN GROUND

Nitrided inner tubes feature a low friction surface that virtually eliminates core jamming in fractured ground. This greatly reduces the risk of early tripping in challenging conditions and delivers more core per shift.

### LOWER FRICTION GREATLY EASES CORE RECOVERY

In addition to efficiencies in the ground, nitrided tubes also improve the experience at the surface. Extracting core from the tube no longer requires tight clamps and unsafe mallets. Even the most fractured core samples slide into the tray with a simple push-rod and minimal force.

## PARTS SELECTION

Part Number	Description	Diameter	Length	
			M	FT
31402 LN	CPLG, HQ I/TUBE L/N	BQ	-	-
24356 LN	I/TUBE, BQ 1.5M/5FT L/N	BQ	1.5	5
24339 LN	I/TUBE, BQ 3.0M/10FT L/N	BQ	3	10
61520 LN	CPLG, BQTK I/TUBE L/N	BQTK	-	-
61518 LN	I/TUBE, BQTK 1.5M/5FT L/N	BQTK	1.5	5
53197 LN	I/TUBE, BQTK 3.0M/10FT L/N	BQTK	3	10
31404 LN	CPLG, HQ I/TUBE L/N	HQ	-	-
25258 LN	I/TUBE, HQ 1.5M/5FT L/N	HQ	1.5	5
25236 LN	I/TUBE, HQ 3.0M/10FT L/N	HQ	3	10
5010618 LN	EXTENDA, HQ 3.0M/10FT I/TUBE L/N	HQ	3	10
31403 LN	CPLG, NQ I/TUBE L/N	NQ	-	-
24909LN	I/TUBE, NQ 1.5M/5FT L/N	NQ	1.5	5
5010617 LN	EXTENDA, NQ 3.0M/10FT I/TUBE L/N	NQ	3	10
24891 LN	I/TUBE, NQ 3.0M/10FT L/N	NQ	3	10
101999 LN	CPLG, I/TUBE NQTK L/N	NQTK	-	-
44366 LN	I/TUBE, NQTK 1.5M/5FT L/N	NQTK	1.5	5
102023 LN	EXTENDA, NQTK 3M/10FT I/TUBE LN	NQTK	3	10
43601 LN	I/TUBE, NQTK 3.0M/10FT L/N	NQTK	3	10
26159 LN	I/TUBE, PQ 1.5M/5FT L/N	PQ	1.5	5
26534 LN	I/TUBE, PQ 3.0M/10FT L/N	PQ	3	10

Contact your regional sales team to inquire about more options.