

MINESFORM 8PVF

One of the best performing mining ropes, Minexflex 8PVF combines the advantages of 8 strand ropes and plastic filling – more fatigue resistance, more points of contact, reduced wear, and more.

More flexible construction increases fatigue resistance

Much better contact conditions compared to 6-strand ropes

Better contact enables extended abrasion & fatigue life

Operates at low stress levels, with longer bending fatigue life

Smooth surface of compacted ropes improves contact & reduces wear on both sheave and rope

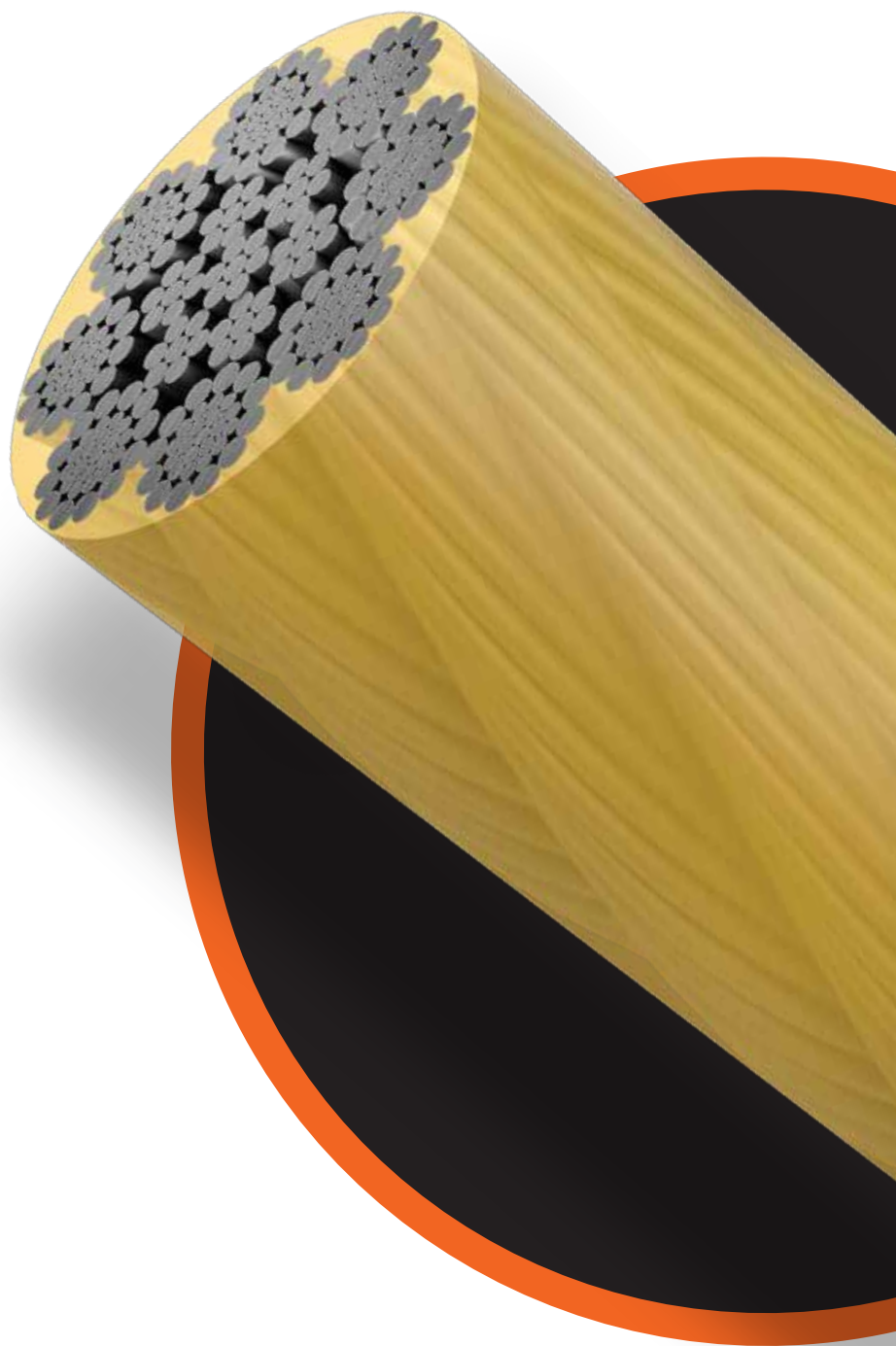
Better inner strand contact due to plastic impregnation (PI)

PI improves resistance to shock loading

Improved fatigue on rope life due to PI

Plastic keeps internal lubricant intact, and keeps out dust

With locked lubrication, increased safety with PI



BRUNTON
WIRE ROPES
THE SPECIALIST



MINESFORM 8PVF

Constructions

8xK37SF, 8xK50SF
8xK55SF, 8xK61

Core

Steel Core

Range

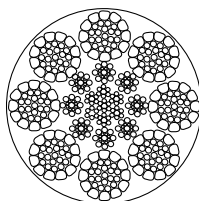
38mm - 127mm

Rope grade

1770, Dual

MBF

981 - 4562 kN



Typical applications

Shovel machines ▪ Dragline machines

Constr.	Nominal rope Dia		Approx. mass kg./100m	Minimum Breaking Force	
	mm	inch.		kN	MT
8x37SF	38	1 - 1/2	639	981	100
	40		708	1089	111
		1 - 5/8	754	1148	117
	42		780	1197	122
	44	1 - 3/4	856	1344	137
	46		936	1422	145
	48	1 - 7/8	1019	1550	158
	50		1106	1678	171
		2	1141	1727	176
	52		1196	1815	185
	54	2 - 1/8	1290	1962	200
	56		1387	2099	214
		2 - 1/4	1445	2188	223
	58		1488	2256	230
	60	2 - 3/8	1604	2433	248
	62		1712	2600	265
8x50SF	63	2 - 1/2	1768	2688	274
	64		1812	2737	279
	67	2 - 5/8	2002	3012	307
	70	2 - 3/4	2185	3120	318
	72		2312	3296	336
		2 - 7/8	2379	3394	346
	76	3	2576	3561	363
		3 - 1/8	2810	3885	396
	83	3 - 1/4	3073	4248	433
	86	3 - 3/8	3299	4562	465

Note:

- PVF signifies fully Plasticated & Valley Filled
- Sizes and breaking load values not shown above are also available on request.



Get in touch with us

Write to us at contact@bsme.uae

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