



TECHNICAL DATA SHEET

PENN LUBE 9702A CABLE PULLING LUBRICANT

Description

Penn-Lube 9702A is a water based thixotropic lubricant which reduces friction during installation of cable and sub-duct. Containing high viscosity silicone polymers and perfectly spherical microspheres, it is the market leading lubricant and the only product which conforms to British Telecom specification MAT 138A. To date **no** other competitor product has met this demanding specification.

It is non-toxic, non-flammable and has no physical or chemical effects on cable sheath or sub-duct.

Typical Properties

Appearance	White Thixotropic Pourable Gel
SG	Approx 1
pH	6-8

Typical Usage & Applications

It may be poured directly onto cable. Pre-charging subduct can be accomplished with the Lubricator Pump. Lubricant should be added continuously during the pull.

Approximate Usage Fibre Cable/ Copper Cable/ Sub-Duct

QUANTITY OF PENN-LUBE 9702A IN LITRES						
Sub-Duct ID (mm)	LENGTH OF PULL (metres)					
	250	500	750	1000	1500	2000
19.1	1.9	3.8	5.7	7.6	11.4	15.2
25.4	2.5	5.0	7.5	10.0	15.0	20.0
31.8	3.10	6.2	9.3	12.4	18.6	24.8
38.1	3.7	7.4	11.1	14.8	22.2	29.6
52.4	5.1	10.2	15.3	20.4	30.6	40.8
63.5	6.2	12.4	18.6	24.8	37.2	49.6
78.2	7.4	14.8	22.2	29.6	44.4	59.2
88.9	8.7	17.4	25.1	34.8	52.2	69.6
101.6	9.9	19.8	29.7	39.6	59.4	79.2
127.0	12.4	25.4	37.2	50.8	74.4	101.6

PENN-LUBE 9702A