



Prelube **5 0 0 0**TM for blowing fiber optic microcables

Thinner Viscosity

Field Developed & Tested

New, More Concentrated Formula



Ordering Information

Emtelle Product Code:	70575
Description:	Polywater Prelube 5000 240ml
Quantity:	x6

Product Description

Polywater® Prelube 5000TM is intended for blowing microcable into small diameter microtubes. The improved chemistry allows this product to spread further and lower friction at extremely low coating levels. The lower viscosity allows practical application into the microtubes.

Features

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- Polywater® Prelube 5000TM is easy to use. It can be squeezed into the small diameter microducts.
 - Polywater® Prelube 5000TM works at extremely low coating levels. It coats further and more effectively than conventional blowing lubricants.
 - Polywater® Prelube 5000TM has proven superior in side-by-side testing in blown microcable installations.
 - Polywater® Prelube 5000TM is compatible with known microcable plastic jacket. However, it should not be used for resin coated fibre cables.

Application

The microduct tubing must be pressure tight. Clean and dry the tubing by blowing a tight fitting foam sponge through the microduct with high pressure. If excess water or dirt comes from the microduct, repeat the process. Trapped water can block the air flow.

Prelube 5000TM is effective at quantities as low as 0.05 mg/cm². Squeeze recommended amount of lubricant into microduct. Quantity can be measured with a syringe or estimated based on duct fill length (table below). Speed lubricant by blowing a foam carrier or sponge through the microduct as many times as necessary to avoid puddling at the front of the duct.

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Tube Size (OD/ID)	Lubricant per 1000 ft of Microtube	
	Volume Required	Fill Length of Microtube
14/12mm	0.30 fl.oz. (9ml)	3 in. (80mm)
12/10mm	0.25 fl.oz. (7ml)	4 in. (100mm)
10/8mm	0.20 fl.oz. (6ml)	5 in. (120mm)
8/6mm	0.15 fl.oz. (4ml)	6 in. (160mm)
7/5mm	0.13 fl.oz. (4ml)	7 in. (190mm)
5/3.5mm	0.09 fl.oz. (3ml)	10 in. (270mm)
4/3mm	0.08 fl.oz. (2ml)	12 in. (310mm)

The quantities of lubricant appropriate for any job will vary with the size, type, and condition of the duct. Use the recommendations above as a place to start and adjust if necessary.

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