



GRAPHACE PL 80 WS[®]

WAX PELLETT PLUNGER LUBRICANT

TO A BRIGHTER FUTURE

Graphace PL 80 WS[®] is a dry plunger lubricant in white pellet form. This type of pellets have optimal shape, are free flowing, non-sticky, dust free and have ideal melting properties. They form a protective lubricating layer inside the shot-sleeve, extending the service life of the plunger and preventing the sleeve from aluminium erosion. The pellets are available in size ranging from 0.5 to 3 mm in diameter

GENERAL PROPERTIES

Appearance	: White / off-grey
Congeaing Point	: > 110°C
Ave. Pellet Diameter	: 0.5 - 3 mm
Bulk Density	: 0.65 - 0.7 g / cu.cm at 20°C
Ecological Classification (WGK)	: 0 (not harmful to environment)

COMPOSITION

Synthetic Wax and additives.

METHOD OF USE

The **Graphace PL 80 WS[®]** range of pellets can be used in all types of pellet dispensers. They are also suitable for combinations of the plungers, shot sleeve materials, e.g. steel/copper/grey iron. The pellets withstand high ambient temperatures. The amount of pellets required depends primarily on the diameter and temperature of the plunger. Actual quantities therefore, can differ quite substantially, and should be determined through experimentation.

Diameter of Plunger	Recommended usage	
	Min.	Max.
< 70 mm	1.0 g	2.0 g
70 mm	1.5 g	3.0 g
80 mm	4.0 g	5.5 g
90 mm	4.5 g	6.0 g
100 mm	5.0 g	7.0 g
110 mm	7.0 g	10.0g
> 110 mm	8.0 g	14.0g

STORAGE

Keep in cool place and avoid direct sunlight, seal tightly after use to keep from contamination.

HEALTH AND SAFETY

Graphace PL 80 WS[®] has no adverse effect on health when used properly and for the designed application. Beyond normal hygiene, no special precautions are required. Further reference is made to the Material Health and Safety Sheet

PACKING

13 kg / Pail