



Lube Control Pty Ltd



technical data sheet

6mm Nylon Grease Tube

Part Numbers

PT6MM, PT25M, PT50M, PT100M, PT500M
PT6MMGF, PT25MGF, PT50MGF, PT100MGF



Overview

Fat Adder 6mm nylon grease tube is a high pressure, field adaptable Polyamide tube suitable for remote greasing (up to 2m) and automatic lubrication systems (up to 12m). Available in several lengths.

1. Designation

Plastic tube 6x1.5mm. PA12 HL semi-rigid, DIN 73378 in various lengths empty

2. Trade name

Part Number	Description	Notes
PT6MM	1m x 6mm Poly tube - empty	Sold in 10m increments
PT25M	25m x 6mm Poly tube - empty	
PT50M	50m x 6mm Poly tube - empty	
PT100M	100m x 6mm Poly tube - empty	
PT500M	500m x 6mm Poly tube - empty	

3. Material / material performance

PA 362 – Polyamide PA 12 HL
(Polyamide 6.12 black, free from plasticizer, heat-stabilized and impact modified)

Material Property	
Density (DIN EN ISO 1183)	1.07 ± 0.02 g/cm ³
Hardness Shore D (DIN EN ISO 868)	74 ± 5
Tensile stress at break (DIN EN ISO 527- 1/2)	≥ 45 MPa
Nominal elongation at break (DIN EN ISO 527- 1/2)	≥ 50 %

4. Colour

Black

Fat Adder Remote Grease Lines
Manufactured and Distributed by Lube Control Pty Ltd
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5. Permissible media

Excellent resistance to oil, grease and lubricants, and to all types of fuels and chlorine free cleaning agents and solvents.

Application for other media than those stated above, only upon request!

6. Sizes / tolerances in mm / bending radius

Parameter	Size (mm)
Nominal size	6.0 x 1.5 (outer x wall thickness)
External diameter	6.0 +0.05 / - 0.10
Inner diameter	3.0 +0.15 / - 0.05
Wall thickness	1.5 +0.05 / - 0.15
Bending radius	50

7. Operating pressure (standard value under the DIN 73378. and 23°C)

Max. operating pressure: 89 bar /1291PSI / 9MPA

Burst pressure: 267 bar /3873PSI / 27 MPA

8. Temperature

Application temperature range: - 40° C up to + 100° C, short-term up to + 160°C for PA362

The information given here is based on empirical values. The values provided shall be regarded as non-binding.

9. Quality check

The quality check of the plastic tube is subject to constant control. The test criteria are visual and dimensional.

10. Modification

Lube Control Pty Ltd reserves the right to carry out modifications or deviations of the products under contract for purposes of improvement and further development.

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