## // ALFABIOTECH 4000 - MINETUFF



MSHA

### ISO 18752

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.
**Reinforcement:** four high tensile steel spirals.
**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.
**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
**Temperature:** -40 °C +121 °C (-40 °F +250 °F)
**Length:** random up to 1" - 61 m max over 1 1/4"

| Item Code | ID (Dash) | ID (mm) | ID (in) | OD (mm) | OD (in) | WP (Mpa) | WP (psi) | BP (Mpa) | BP (psi) | BR (mm) | BR (in) | Weight (kg/m) | Weight (lb/ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1004313 | 6 | 10,0 | 3/8" | 20,1 | 0,79 | 28,0 | 4000 | 112,0 | 16000 | 75 | 2,95 | 0,648 | 0,44 |
| 1003797 | 8 | 13,0 | 1/2" | 23,0 | 0,91 | 28,0 | 4000 | 112,0 | 16000 | 90 | 3,54 | 0,747 | 0,51 |
| 1004314 | 10 | 16,0 | 5/8" | 26,3 | 1,04 | 28,0 | 4000 | 112,0 | 16000 | 140 | 5,51 | 0,905 | 0,61 |
| 1001691 | 12 | 19,0 | 3/4" | 29,5 | 1,16 | 28,0 | 4000 | 112,0 | 16000 | 120 | 4,72 | 1,002 | 0,68 |
| 1001692 | 16 | 25,0 | 1" | 37,5 | 1,48 | 28,0 | 4000 | 112,0 | 16000 | 150 | 5,91 | 1,509 | 1,02 |
| 1002484 | 20 | 32,0 | 1 1/4" | 45,7 | 1,80 | 28,0 | 4000 | 112,0 | 16000 | 260 | 10,24 | 2,231 | 1,50 |
| 1002502 | 24 | 38,0 | 1 1/2" | 51,8 | 2,04 | 29,0 | 4200 | 116,0 | 16800 | 420 | 16,54 | 2,907 | 1,96 |
| 1002483 | 32 | 51,0 | 2" | 66,8 | 2,63 | 28,0 | 4000 | 112,0 | 16000 | 530 | 20,87 | 4,383 | 2,95 |

## // ALFABIOTECH 5000 - MINETUFF



MSHA

### ISO 18752

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.
**Reinforcement:** four/six high tensile steel spirals.
**Cover:** smooth up to 1", wrapped over 1". Abrasion, ozone and hydrocarbon resistant synthetic rubber.
**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.
**Temperature:** -40 °C +121 °C (-40 °F +250 °F)
**Length:** random up to 1" - 61 m max over 1 1/4"

| Item Code | Constr. | ID (Dash) | ID (mm) | ID (in) | OD (mm) | OD (in) | WP (Mpa) | WP (psi) | BP (Mpa) | BP (psi) | BR (mm) | BR (in) | Weight (kg/m) | Weight (lb/ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1001693 | 4WS | 10 | 16,0 | 5/8" | 26,3 | 1,04 | 35,0 | 5000 | 140,0 | 20000 | 140 | 5,51 | 0,905 | 0,61 |
| 1001694 | 4WS | 12 | 19,0 | 3/4" | 31,0 | 1,22 | 35,0 | 5000 | 140,0 | 20000 | 150 | 5,91 | 1,230 | 0,83 |
| 1001695 | 4WS | 16 | 25,0 | 1" | 38,0 | 1,50 | 35,0 | 5000 | 140,0 | 20000 | 180 | 7,09 | 1,679 | 1,13 |
| 1001696 | 4WS | 20 | 32,0 | 1 1/4" | 45,8 | 1,80 | 35,0 | 5000 | 140,0 | 20000 | 280 | 11,02 | 2,463 | 1,66 |
| 1001780 | 6WS | 24 | 38,0 | 1 1/2" | 54,8 | 2,16 | 35,0 | 5000 | 140,0 | 20000 | 500 | 19,69 | 3,924 | 2,64 |
| 1001779 | 6WS | 32 | 51,0 | 2" | 70,2 | 2,76 | 35,0 | 5000 | 140,0 | 20000 | 550 | 21,65 | 6,174 | 4,15 |
| 1003076 | 6WS | 40 | 63,0 | 2 1/2" | 82,8 | 3,26 | 35,0 | 5000 | 140,0 | 20000 | 820 | 32,28 | 7,567 | 5,09 |