Design and dimensions shown may be changed without prior notice

## // ALFABIOTECH 5000 PLUS - MINETUFF



MSHA

### ISO 18752

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.
**Reinforcement:** four high tensile steel spirals.
**Cover:** 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

| 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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1001712 | 12 | 19,0 | 3/4" | 31,0 | 1,22 | 38,0 | 5500 | 152,0 | 22040 | 180 | 7,09 | 1,266 | 0,86 |
| 1001713 | 16 | 25,0 | 1" | 38,3 | 1,51 | 38,0 | 5500 | 152,0 | 22040 | 210 | 8,27 | 1,895 | 1,28 |

## // ALFABIOTECH 6000 - MINETUFF



MSHA

### ISO 18752 - exceeds SAE 100 R15

**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) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1001697 | 4WS | 4 | 6,0 | 1/4" | 17,3 | 0,68 | 45,0 | 6550 | 180,0 | 26200 | 60 | 2,36 | 0,518 | 0,35 |
| 1001698 | 4WS | 6 | 10,0 | 3/8" | 20,1 | 0,79 | 44,5 | 6450 | 178,0 | 25800 | 75 | 2,95 | 0,630 | 0,43 |
| 1001699 | 4WS | 8 | 13,0 | 1/2" | 23,0 | 0,91 | 42,0 | 6000 | 168,0 | 24000 | 90 | 3,54 | 0,745 | 0,51 |
| 1001700 | 4WS | 10 | 16,0 | 5/8" | 28,2 | 1,11 | 42,0 | 6000 | 168,0 | 24000 | 180 | 7,09 | 1,260 | 0,85 |
| 1001701 | 4WS | 12 | 19,0 | 3/4" | 31,4 | 1,24 | 42,0 | 6000 | 168,0 | 24000 | 210 | 8,27 | 1,417 | 0,96 |
| 1001702 | 4WS | 16 | 25,0 | 1" | 38,6 | 1,52 | 42,0 | 6000 | 168,0 | 24000 | 250 | 9,84 | 1,991 | 1,34 |
| 1002485 | 6WS | 20 | 32,0 | 1 1/4" | 49,3 | 1,94 | 42,0 | 6000 | 168,0 | 24000 | 445 | 17,52 | 3,415 | 2,30 |
| 1002486 | 6WS | 24 | 38,0 | 1 1/2" | 56,5 | 2,22 | 42,0 | 6000 | 168,0 | 24000 | 530 | 20,87 | 4,476 | 3,01 |
| 1003505 | 6WS | 32 | 51,0 | 2" | 71,0 | 2,80 | 42,0 | 6000 | 168,0 | 24000 | 650 | 25,59 | 6,398 | 4,30 |