

// ALFABIOTECH 4000 - MINETUFF



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.

**MSHA APPROVED**

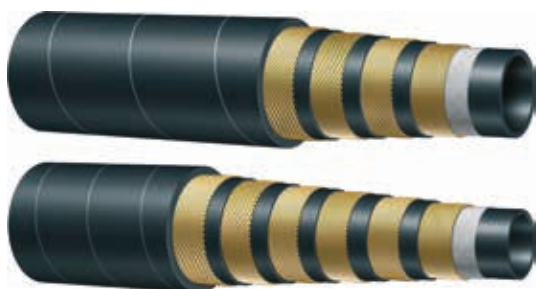
**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

**Constant operation:** -40 °C +121 °C (-40 °F +250 °F)

**Length:** random up to 1" - 61 m max over 1"1/4

| Item Code | ↔    |      |        | ↔     |      | ↻    |      | ↻     |       | ⤴     |       | ⚖     |       |
|-----------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
|           | Dash | mm   | in     | mm    | in   | Mpa  | psi  | Mpa   | psi   | mm    | in    | kg/m  | lb/ft |
| 1001691   | 12   | 19,0 | 3/4"   | 29,50 | 1,16 | 28,0 | 4000 | 112,0 | 16000 | 120,0 | 4,72  | 1,019 | 0,69  |
| 1001692   | 16   | 25,0 | 1"     | 37,50 | 1,48 | 28,0 | 4000 | 112,0 | 16000 | 150,0 | 5,91  | 1,464 | 0,99  |
| 1002484   | 20   | 32,0 | 1 1/4" | 45,70 | 1,80 | 28,0 | 4000 | 112,0 | 16000 | 260,0 | 10,24 | 2,231 | 1,50  |
| 1002502   | 24   | 38,0 | 1 1/2" | 51,80 | 2,04 | 29,0 | 4200 | 116,0 | 16800 | 420,0 | 16,54 | 2,944 | 1,98  |
| 1002483   | 32   | 51,0 | 2"     | 66,80 | 2,63 | 28,0 | 4000 | 112,0 | 16000 | 530,0 | 20,87 | 4,454 | 3,00  |

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**Reinforcement:** four/six high tensile steel spirals.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.

**MSHA APPROVED**

**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

**Constant operation:** -40 °C +121 °C (-40 °F +250 °F)

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| Item Code | Constr. | ↔    |      |        | ↔     |      | ↻    |      | ↻     |       | ⤴     |       | ⚖     |       |
|-----------|---------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
|           |         | Dash | mm   | in     | mm    | in   | Mpa  | psi  | Mpa   | psi   | mm    | in    | kg/m  | lb/ft |
| 1001693   | 4WS     | 10   | 16,0 | 5/8"   | 26,30 | 1,04 | 35,0 | 5000 | 140,0 | 20000 | 140,0 | 5,51  | 0,931 | 0,63  |
| 1001694   | 4WS     | 12   | 19,0 | 3/4"   | 31,00 | 1,22 | 35,0 | 5000 | 140,0 | 20000 | 150,0 | 5,91  | 1,230 | 0,83  |
| 1001695   | 4WS     | 16   | 25,0 | 1"     | 37,60 | 1,48 | 35,0 | 5000 | 140,0 | 20000 | 180,0 | 7,09  | 1,680 | 1,13  |
| 1001696   | 4WS     | 20   | 32,0 | 1 1/4" | 45,80 | 1,80 | 35,0 | 5000 | 140,0 | 20000 | 280,0 | 11,02 | 2,448 | 1,65  |
| 1001780   | 6WS     | 24   | 38,0 | 1 1/2" | 54,80 | 2,16 | 35,0 | 5000 | 140,0 | 20000 | 255,0 | 10,04 | 3,759 | 2,53  |
| 1001779   | 6WS     | 32   | 51,0 | 2"     | 70,20 | 2,76 | 35,0 | 5000 | 140,0 | 20000 | 318,0 | 12,52 | 6,212 | 4,18  |
| 1003076   | 6WS     | 40   | 63,0 | 2 1/2" | 82,80 | 3,26 | 35,0 | 5000 | 140,0 | 20000 | 820,0 | 32,28 | 7,570 | 5,09  |