

alfabiotech EVOLUTION 4000 Minetuff - E4K Hydraulic Hose



E4K - 4 wire spiral

Exceeds SAE 100R12 sizes 3/4" and 1"
Exceeds EN856 4SH sizes 1 1/2" and 2"
ISO 18752/CC 1,000,000+ impulse cycles all sizes
MSHA IC-152/16 approved flame resistance



General Applications:

Developed to withstand very demanding conditions very high performance in pressure, pulsing and flexing.

Construction:

Tube – Oil resistant synthetic rubber and biodegradable hydraulic fluids.

Reinforcement – Four high tensile steel spirals.

Cover – Abrasion, ozone and hydrocarbon resistant synthetic rubber.

Service Temperature Range:

-40°F (-40°C) to +250°F (+121°C)

Branding:

ALFAGOMMA ALFABIOTECH EVOLUTION 4K MINETUFF ... WP 28 MPa (4000 PSI) - ISO 18752/CC - MSHA IC-152/16 - MADE IN ITALY

Length:

Random up to 1" - 200 feet from 1 1/4" to 2"

Nominal Specifications

| Series Number | Size Code | ID | | OD | | Max Working† Pressure (psi) | Min. Bend. Radius | | Weight (lbs/ft) | Coupling Recommendations | | | | |
|---------------|-----------|-------|------|------|------|-----------------------------|-------------------|-------|-----------------|--------------------------|-------------------|---------------------------|-----|---------|
| | | (in) | (mm) | (in) | (mm) | | (in) | (mm) | | AlfaCrimp One-Piece | Two-Piece | | YS2 | |
| | | | | | | | | | | | Ferrule Non-Skive | Ferrule Skive & Interlock | | |
| E4K | 06 | 3/8 | 9.5 | 0.78 | 19.8 | 4000 | 2.95 | 75.0 | 0.42 | S | D | AF4 | AS4 | |
| E4K | 08 | 1/2 | 12.7 | 0.89 | 22.5 | 4000 | 3.54 | 90.0 | 0.42 | S | D | AF4 | AS4 | |
| E4K | 10 | 5/8 | 15.9 | 1.00 | 25.4 | 4000 | 3.94 | 100.0 | 0.60 | S | D | AF4 | AS4 | |
| E4K | 12 | 3/4 | 19.1 | 1.14 | 29.0 | 4000 | 4.72 | 120.0 | 0.66 | S | D | AF4 | AS4 | |
| E4K | 16 | 1 | 25.4 | 1.46 | 37.2 | 4000 | 5.91 | 150.0 | 1.00 | S | D | AF4 | AS4 | YS2 |
| E4K | 20 | 1 1/4 | 31.8 | 1.74 | 44.2 | 4000 | 8.27 | 210.0 | 1.49 | S | | | AS4 | XF2 YS2 |
| E4K | 24 | 1 1/2 | 38.1 | 1.99 | 50.6 | 4000 | 9.84 | 250.0 | 1.76 | S | | | AS4 | XF2 YS2 |
| E4K | 32 | 2 | 50.8 | 2.55 | 64.7 | 4000 | 12.52 | 318.0 | 2.69 | S | | | AS4 | XF2 YS2 |

† Minimum burst pressure 4-to-1 safety factor.

Freight: Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.