Specially designed for Bio oil full compatibility
Alfabitech hoses are designed to be used with biodegradable hydraulic fluids, thanks to the use of an oil resistant synthetic rubber which makes it compatible also with lubricating oils and petroleum based hydraulic fluids. A new generation of hoses with improved resistance and prolonged life.

Bend radius up to 1/2 compared to SAE 100R
Alfabitech are compact and very easy to bend hoses. Compared to standards SAE 100 R12/13/15 bend radius is reduced up to 50%.

Flexibility increase
The compact structure with four or six steel wire spirals makes Alfabitech hoses very flexible and resistant to the highest working pressures. The lower weight makes Alfabitech easier to handle with the minimum effort for assembling and installation.

Higher abrasion resistance, Minetuff and MSHA cover
The high abrasion resistance makes Alfabitech hoses the ideal solution for heavy duty applications such as mining, forestry and construction large mobile equipments. Alfabitech hoses cover is MSHA approved.

Impulse test according to ISO 18752
Alfabitech hoses are tested according to ISO 18752 up to 1,000,000 cycles exceeding standard SAE 100R requirements.
ISO 18752

**2000 – MINETUFF**

**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)

**Safety factor:** 1:4

**Length:** 61 m from 1 1/4” to 3”

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ISO 18752 - EXCEEDS SAE 100 R12

**3000 – MINETUFF**

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**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)

**Safety factor:** 1:4

**Length:** 61 m from 1 1/4” to 3”

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www.alfagomma.com
ISO 18752

**4000 – MINETUFF**

**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)

**Safety factor:** 1:4

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

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ISO 18752

**5000 – MINETUFF**

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**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)

**Safety factor:** 1:4

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

**Safety factor:** 1:4

**Length:** random

ISO 18752 - EXCEEDS SAE 100 R15

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**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)

**Safety factor:** 1:4

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

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NEW EXTRA FLEXIBLE BIO OIL RESISTANT HOSE RANGE

SPECIALLY DESIGNED FOR BIO OIL FULL COMPATIBILITY

EXTREME FLEXIBILITY: UP TO 50% BETTER BEND RADIUS COMPARED TO SAE 100R

MINETUFF COVER FOR TOP ABRASION & OZONE RESISTANCE

MSHA-APPROVED FIRE RESISTANT COVER

HEADQUARTER
Alfagomma SpA
Via Torri Bianche 1
20871 Vimercate (MB) Italy
marketing@alfagomma.com
www.alfagomma.com