

KIOWA

 **ALFAGOMMA**GROUP

// KFLEX SHAPED HOSES



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// KFLEX SHAPED INDUSTRIAL MACHINERY HOSES

The **KFLEX shaped hose range is renowned across the UK** amongst some of the most prestigious OEM brands in the construction & industrial machinery sectors, for its unique, completely integrated, multi-branch design, & reliable conveyancing properties.

KFLEX specialises in low-volume, fully bespoke shaped hoses. With no restrictive MoQs, customers can develop and refine designs cost-effectively before scaling to production.

KFLEX HOSE FEATURES



- ▲ Reinforced Vacuum Options
- ▲ Hose ID: 1/4" to 10"
- ▲ All Hand or Mandrel Made
- ▲ Unlimited Configuration Options
- ▲ ISO 9001 % 14001 Approved
- ▲ Length: Up to 4.5m in Length
- ▲ Bespoke Built
- ▲ Kiowa Branded



Manufactured under ISO 9001 and ISO 14001 accredited processes, KFLEX shaped hoses are hand-laid or mandrel-formed to deliver controlled wall thickness, dimensional accuracy and repeatable performance.

APPLICATION

KFLEX engine hoses are suitable for a broad range of requirements, including **air intake, oil suction, fuel delivery, & coolant distribution**. Designed specifically to be housed within engine bays, there ideal for tight spaces and hot & cold environments.



MATERIALS

<p>EPDM</p> <p>Ideal for use with air & water coolant. The main application being specialist engine hoses.</p>	<p>Nitrile (nbr)</p> <p>Used where oil & fuel resistance are required, and with internal springs needed for oil suction.</p>	<p>Neoprene (cr)</p> <p>Where hoses have a medium resistance to oil & fuel, and require good 'under-bonnet' properties.</p>
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Constructions can incorporate textile reinforcement, wire embedment or internal spring support to meet defined pressure, vacuum and suction requirements. Integrally formed multi-branch geometries and inserts reduce joint count and potential leak paths, providing structurally robust, space-efficient hose solutions for demanding engine-bay environments.

// KFLEX LEAF COLLECTION HOSES

Kiowa's KFLEX leaf collecting hoses offer superior performance for commercial highway cleaning and horticultural maintenance machinery. With enhanced runtime thanks to their durable inner liners and **highly abrasive EPDM covers**, the global demand for these bespoke built hoses continues to grow.



<p>Material</p> <p>The outer cover is abrasion resistant EPDM and natural rubber liner - twice nylon layered & with polyester coating.</p> 	<p>Size</p> <p>Between 6"-10" internal diameter</p>
	<p>Length</p> <p>Maximum assembly length is 4.5m</p>

Suitable for suction of clean and contaminated, dry & wet, vegetation. Especially suited to industrial machinery, including road sweepers/cleaners, horticultural & farm UTV cleaners/ estate maintenance vehicles, and trailer mounted vacuum suction systems.



KIOWA NEWCASTLE

KFLEX at Kiowa Newcastle specialises in bespoke formed engine hoses and commercial plant machinery hoses. Our dedicated facility brings every stage of production under one roof - from R&D and mandrel design to prepping, production, vulcanisation and finishing. Our Newcastle team have been producing KFLEX for over 35 years.



ORDER FROM YOUR NEAREST KIOWA BRANCH

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