

## HOSES FOR SNOW CANNONS







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Dunlop Hiflex is one of the market's most established suppliers of hydraulic fluid conveyance and industrial fluid conveyance products and systems.

The manufacturing of hoses and couplings, for both high and low pressure, gives Dunlop Hiflex extensive knowledge of the products and enables us to put forward suggestions for new solutions and improvements for the industry.



## // DUNLOP HIFLEX

### // THE FIRST HOSES

**Scotland, 1887.** John Boyd Dunlop, a Scottish born inventive veterinarian observes his son as he's cycling down a bumpy road. The bike has hard solid rubber tyres and the ride is rough and shaky. The ride is neither fast nor particularly comfortable. He then comes up with an idea of wrapping an air filled rubber hose around the rim. In 1888 he patented the idea and the rest as we say, is history.



### // A PRODUCT THAT CHANGED THE WORLD

John Dunlop's idea about air-filled rubber hoses was the beginning of an industrial manufacturing of air-filled tires and, later, a development of hydraulic and industrial hoses.

At Dunlop Hiflex, **we specialize in high and low-pressure hoses.** With the advantage of **manufacturing** in our own factories, we are leading the development of the **next generation of top-quality hoses.** Moreover, our widespread branch network throughout the Nordic Countries and Germany provides customers with an excellent service. Today we are a part of the Alfacomma Group, one of the leading manufactures of hoses in the world. But we still carry the name that originated from a Scot and bike with pride.

**8**

PLANTS

**35**

STORES

**170**

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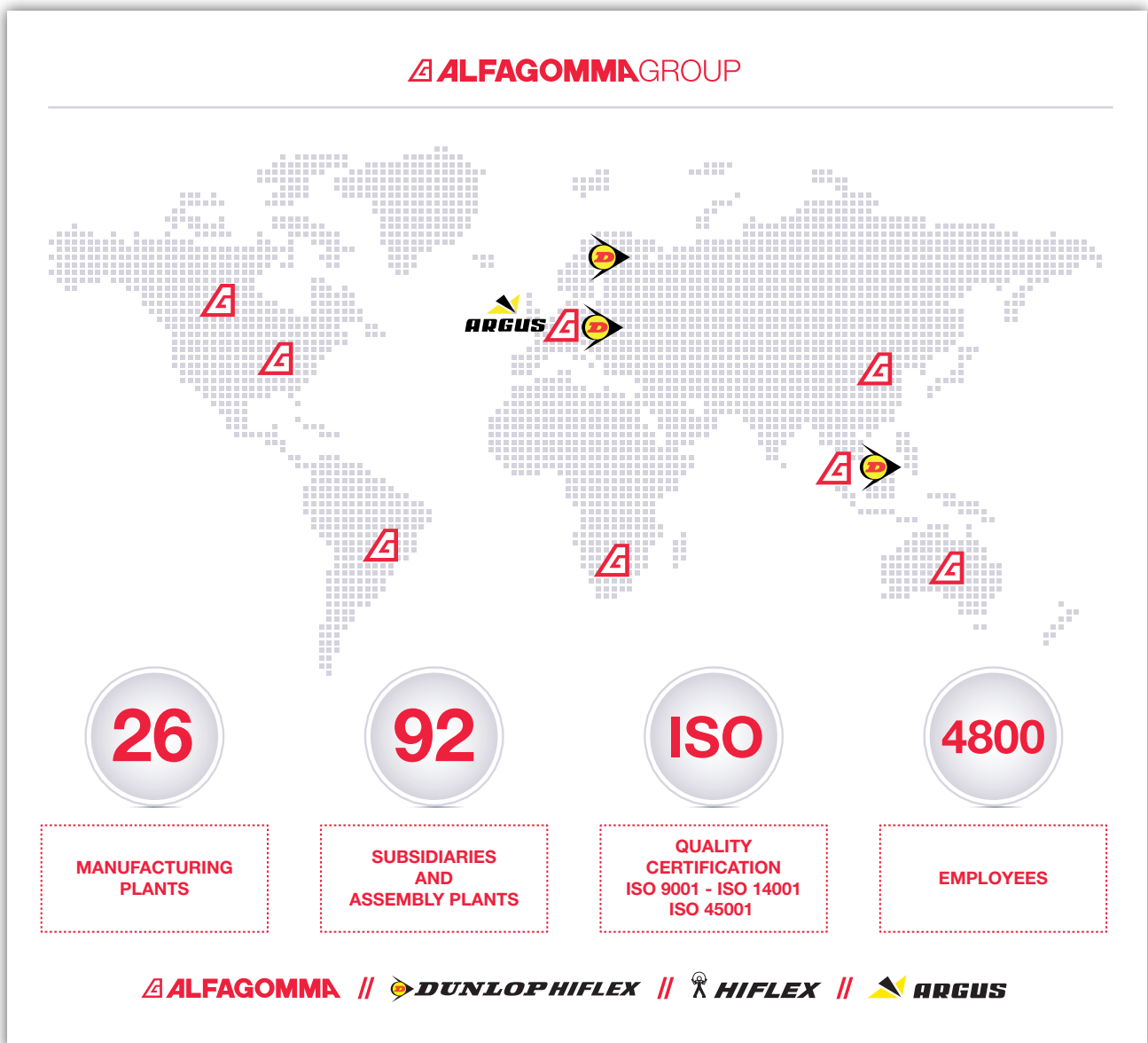
## // ALFAGOMMA GROUP

Dunlop Hiflex was acquired by Alfacomma Group in 2005. The Group, established in 1956, is a global manufacturer specialized in highly engineered, technically demanding hydraulic and industrial products, created with a commitment to excellence in quality and innovation.

## // RESEARCH AND DEVELOPMENT

Alfacomma is focused on continuous improvement, proven by its constant engineering innovation at product, process and production level, which has made it possible to quickly respond to evolving international regulations, improving products performance, safety and efficiency.

The company's distinguishing feature is its ability to innovate, by investing in research and development of products and materials, and designing solutions that meet customer's requirements, in compliance with international regulations.



## // PONN NORDIC



### Flat-rolled water hose for snow cannons

#### WP 40 Bar - BP 100 Bar

**Tube:** EPDM

**Reinforcement:** polyester

**Cover:** extra strong TPU coated fabric

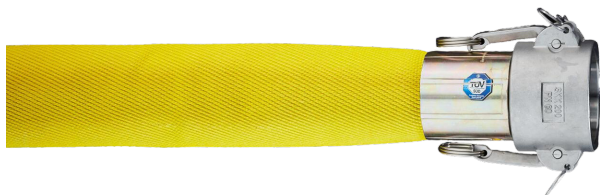
**Application:** intended as a water hose for applications where high pressure is required

**Temperature:** -40 °C +80 °C

Art.number	ID (mm)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
9181715	52	60	40	100	0,70	20

Other lengths can be supplied on request.

## // SNOWBLAST



### Flat-rolled water hose for snow cannons

#### WP 60 Bar - BP 120 Bar

**Tube:** EPDM

**Reinforcement:** polyester

**Cover:** extra strong TPU coated fabric

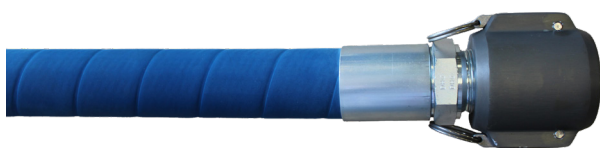
**Application:** intended as a water hose for applications where high pressure is required

**Temperature:** -40 °C +80 °C

Art.number	ID (mm)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
9140628	52	60	60	120	0,70	20

Other lengths can be supplied on request.

## // 247AE



### Form-stable rubber hose for transporting water to snow cannons

#### WP 60 Bar - BP 180 Bar

**Tube:** EPDM

**Reinforcement:** textile reinforcement

**Cover:** EPDM

**Application:** intended as a water hose for applications where high pressure is required

**Temperature:** -42 °C +70 °C

Art.number	ID (mm)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
852083	38	52	60	180	1,32	2
852084	38	52	60	180	1,32	3
852085	38	52	60	180	1,32	4

Other lengths can be supplied on request.

## // 27EAA



**Form-stable lightweight hose for transporting water to snow cannons**

**WP 25 Bar - BP 70 Bar**

**Tube:** EPDM

**Reinforcement:** textile reinforcement

**Cover:** EPDM

**Application:** intended as a water hose for applications where high pressure is required

**Temperature:** -30 °C +70 °C

Art.number	ID (mm)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
852086	38	45	25	70	0,32	2
852087	38	45	25	70	0,32	3
852088	38	45	25	70	0,32	4

Other lengths can be supplied on request.



## // CAMLOCK RED HEAD

### C&G FEMALE INTERNAL EXPANSION ALUMINUM 50 BAR - FULL FLOW

Type C - Female for hose



Art. number	DN	Hose ID (in)	Hose ID (mm)	WP (bar)	Material
2304812	50	2"	51	50	Spec Aluminum
2305627	63	2 1/2"	63	50	Spec Aluminum

## // CAMLOCK RED HEAD

### C&G MALE INTERNAL EXPANSION ALUMINUM 50 BAR - FULL FLOW

Type E - Male for hose



Art. number	DN	Hose ID (in)	Hose ID (mm)	WP (bar)	Material
2304816	50	2"	51	50	Spec Aluminum
2305628	63	2 1/2"	63	50	Spec Aluminum

## // CAMLOCK RED HEAD

Type A - Male with female BSP thread



Art. number	DN	Thread (in)	Thread type	WP (bar)	Material
2307606	50	1 1/2"	BSP	50	Spec Aluminum
2304810	50	2"	BSP	50	Spec Aluminum



## // CAMLOCK RED HEAD

C&G FEMALE BSP FEMALE THREAD 50 BAR

Type D - Female with female BSP thread



Art. number	DN	Thread (in)	Thread type	WP (bar)	Material
2305631	50	1 1/2"	BSP	50	Spec Aluminum
2304813	50	2"	BSP	50	Spec Aluminum

## // EXPANSION RING

Internal expansion ring for Red Head couplings



Art. number	ID (in)	Material
2304467	2"	Brass

## // GASKETS

Red Head couplings



Art. number	ID (in)	Description	Material
2305632	2"	For female couplings	Nitrile rubber - NBR
2304435	2"	For internal expansion	Nitrile rubber - NBR

## // SPRINT

For Red Head couplings



Art. number	Description
2305885	Locking pin - Sprint - Ring

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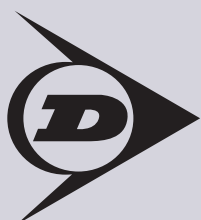
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