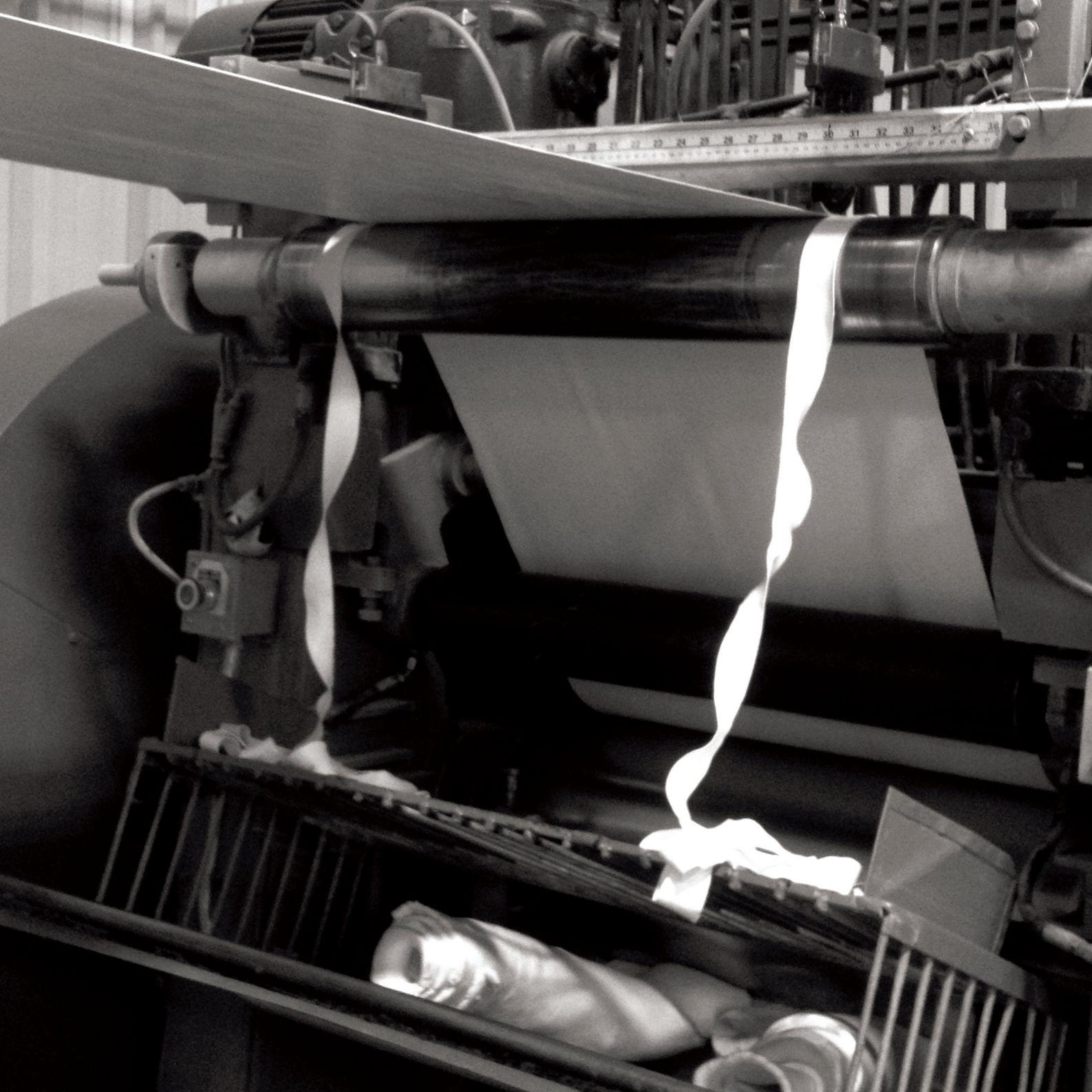


Decreasing the Hazard,
Increasing the Safety



CONDUCTIVE HOSE



The GOODALL Difference.

GOODALL has produced the gold standard in industrial hose solutions for over 100 years. Built in North America, GOODALL hoses stand up to the toughest jobs, outlasting competitive products for a lower lifetime cost.

Superior engineering. Advanced compounds. Meticulous manufacturing.

GOODALL hoses are the result of continuous improvement and attention to detail. It's why we're the first name in Anhydrous Ammonia, Chemical and Steam. We bring innovation to the table, including engineered hoses built with proprietary compounds that result in a longer life.

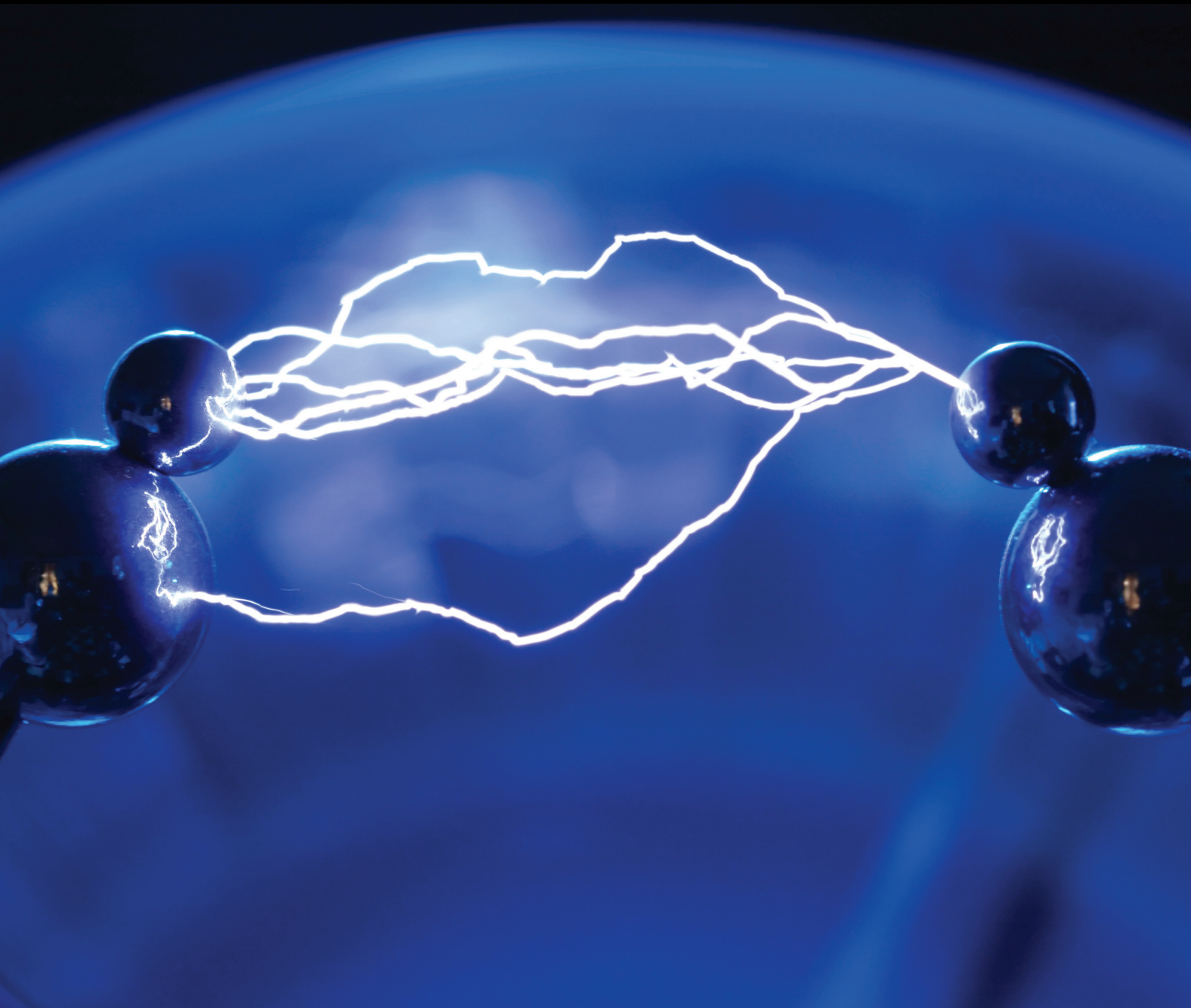
GOODALL is an ISO 9001 Quality and ISO 14001 Environmental registered manufacturer. We are backed by the strength of ERIKS, a multinational provider of industrial products, solutions and services, so you can be sure that we are a reliable provider of added value industrial hose solutions.

New methods, Old values.

Our facility may be new, but there are some things we believe in doing the old fashioned way. Like hiring local people, training them well, and watching as their skills grow over the course of decades. Like building relationships throughout North America and beyond. Like developing hose solutions that work—and keep on working.

We think our values form part of the reason why we have so many longstanding customer relationships. The other part is easy: it's our hose.

GOODALL. Intelligent hose technology.



What is Static Electricity?

Static electricity is the electric charge generated when there is friction between two things made of different materials or substances. It is what causes the sparks when you touch a metal object, like a doorknob, after walking across a carpet. It can also be generated by repeated contact and separation between unlike materials, like material flowing through a rubber hose.

Is Static Electricity Hazardous?

Electric charges can build up when certain liquids (petroleum solvents, fuels) move in contact with other materials. This can occur when liquids are pumped, filtered, and directed (flow) through hoses. This buildup of electrical charge is called static electricity. The amount of charge that develops depends on how much liquid is involved and how fast it is flowing.

The build-up of static charge is influenced by the insulating properties of the transfer media and its flow rate. External factors, such as humidity and temperature, can vary the generation of the static charge, creating an unpredictable amount of static.

Flammable and combustible liquids can present a static electricity hazard depending on their

- a) ability to generate static electricity,
- b) how well they conduct electricity (conductivity), and
- c) their flash point.

The build-up of static electricity can create a spark that has the potential to produce a fire or devastating explosion.

Most safety precautions surrounding these materials involve grounding and bonding to reduce the build-up of the static charge. However, grounding and bonding may not be enough.

Too often this is a risk that is not considered.

We know Safety.

Goodall knows the hazards of static electricity. What's more, we have created an innovative line of conductive hose products to minimize risk to you and your employees; thereby decreasing your liability and preventing devastating results. Our innovative conductive compounds assist your grounding the assembly for added security and safety.

It's in the Construction.

To minimize the risk of electrostatic build up, we engineered 4 distinctive hoses with conductive compounds, where all rubber components of the hose can dissipate the electrical charges. The premium carbon black within the compounds, create a pathway to dissipate the charge. Our line of conductive hoses is product and operator safe.

Our Proprietary formulations are designed for hose solutions that work and keep on working. The core is always braided for strength, flexibility, and kink resistance. As with all hoses within the Goodall family, our conductive hoses exceed international industry standards and conform to established industry standards from Europe.

When you need added safety with a conductive hose, there's only one name.

GOODALL. Conducting Safety.

Steam

To minimize the risk of electrostatic build up, Inferno ISO 6134-2A, is engineered with conductive compounds, where all rubber components of the hose can dissipate the electrical charges, too often a risk not considered. Designed in accordance with the international ISO standards, the Inferno ISO 6134-2A exceeds the criteria outlined in the standard.

To prevent blistering or 'popcorning' on the inner surface of the inferno steam hose, GOODALL formulated a premium, proprietary Chlorobutyl compound that is 15x less permeable than EPDM. Even after thousands of hours of stop-start use, the Inferno ISO 6134-2A shows no sign of popcorning.

When you need steam hose, there's only one name.

GOODALL. The leader under pressure.

Tech Specs

Max pressure	261 PSI (18 BAR)
Max temperature	450 °F (232 °C)
Inner diameters	½" to 2" (13mm to 50mm)
Standard length	131.2ft to 197ft (40m to 60m) size dependent

Chemical

GOODALL knows chemical. Over 50 years ago we invented GOODALL kemflex, the first hose specifically formulated for the broad spectrum of chemicals. Nearly half a century later, the latest version of Kemflex is still the industry benchmark. It's the most resilient, best-built, chemical hose that money can buy.

GOODALL chemical hose begins with an Ultra High Molecular Weight Polyethylene (UHMWPE) tube – a tube that is dense and highly impermeable, yet flexible. We surround it with multiple high tensile braids – not spiral – for fail proof resilience. Over top is a protective cover made of abrasion, chemical and ozone-resistant EPDM that's tough as nails.

Exceeding the European norm EN 12115, Kemflex is superior in flexibility and kink resistance. The core is designed with superior conductive materials, where the superior carbon black particles within the compound create a pathway to dissipate the charge buildup during service. Increasing operator safety and product life, GOODALL is your partner in safety assurance.

When you need Chemical hose, there's only one name.

GOODALL. Kemflex is your hose.

Tech Specs

Max pressure	300 PSI (20 BAR)
Max temperature	212° F (100° C)
Inner diameters	½" to 4" (13mm to 100mm)
Standard length	131.2ft (40m)

**Kemflex
EN 12115**

Chemical

The build-up of static charge is influenced by the insulating properties of the transfer media and its flow rate. Grounding and bonding may not always be enough. Proprietary compounds, designed for hose solutions, that work, and keep on working. The core is always braided, for strength, flexibility and kink resistance.

Built for longer life and increased safety, Acidkem is constructed with conductive compounds, starting with a seamless and extruded EPDM tube. The GOODALL Acidkem exceeds the European norm EN 12115, a well-established norm, offering the solution of a discharge hose, as well as a suction and discharge hose. The innovation invested in to the Acidkem hose, increases the safety of the operator, and decreases liability.

Superior Engineering - Advanced Compounds - Meticulous Manufacturing

When you need Chemical hose, there's only one name

GOODALL. Multi-Functional.

Tech Specs

Max pressure	300 PSI (20 BAR)
Max temperature	-40° F to 203° F (-40° C to 95° C)
Cleaning temperature	130° C (266° F) / 30 min max
Inner diameters	½" to 4" (13mm to 100mm)
Standard length	131.2ft to 197ft (40m to 60m) size dependent

**Acidkem
EN 12115**

Chemical

GOODALL chemical hose begins with an Ultra High Molecular Weight Polyethylene (UHMWPE) tube – a tube that is dense and highly impermeable, yet flexible. We surround it with multiple high tensile braids – not spiral – for fail proof resilience. Over top is a protective cover made of abrasion, chemical and ozone-resistant EPDM that's tough as nails.

GOODALL Tekno, chemical hose incorporates a conductive tube, layer and cover, adding an extra level of safety. Superior materials, designed for hose solutions, that work, and keep on working. The foundation for the design is the well-established European norm EN 12115. Minimise the risk of static electricity hazards with conductive materials, too often this is a risk that is not considered.

Exceeding the European norm EN 12115, Kemflex is superior in flexibility and kink resistance. The core is designed with superior conductive materials, where the superior carbon black particles within the compound create a pathway to dissipate the charge buildup during service. Increasing operator safety and product life, GOODALL is your partner in safety assurance.

When you need Chemical hose, there's only one name.

GOODALL. Better Built.


Tech Specs

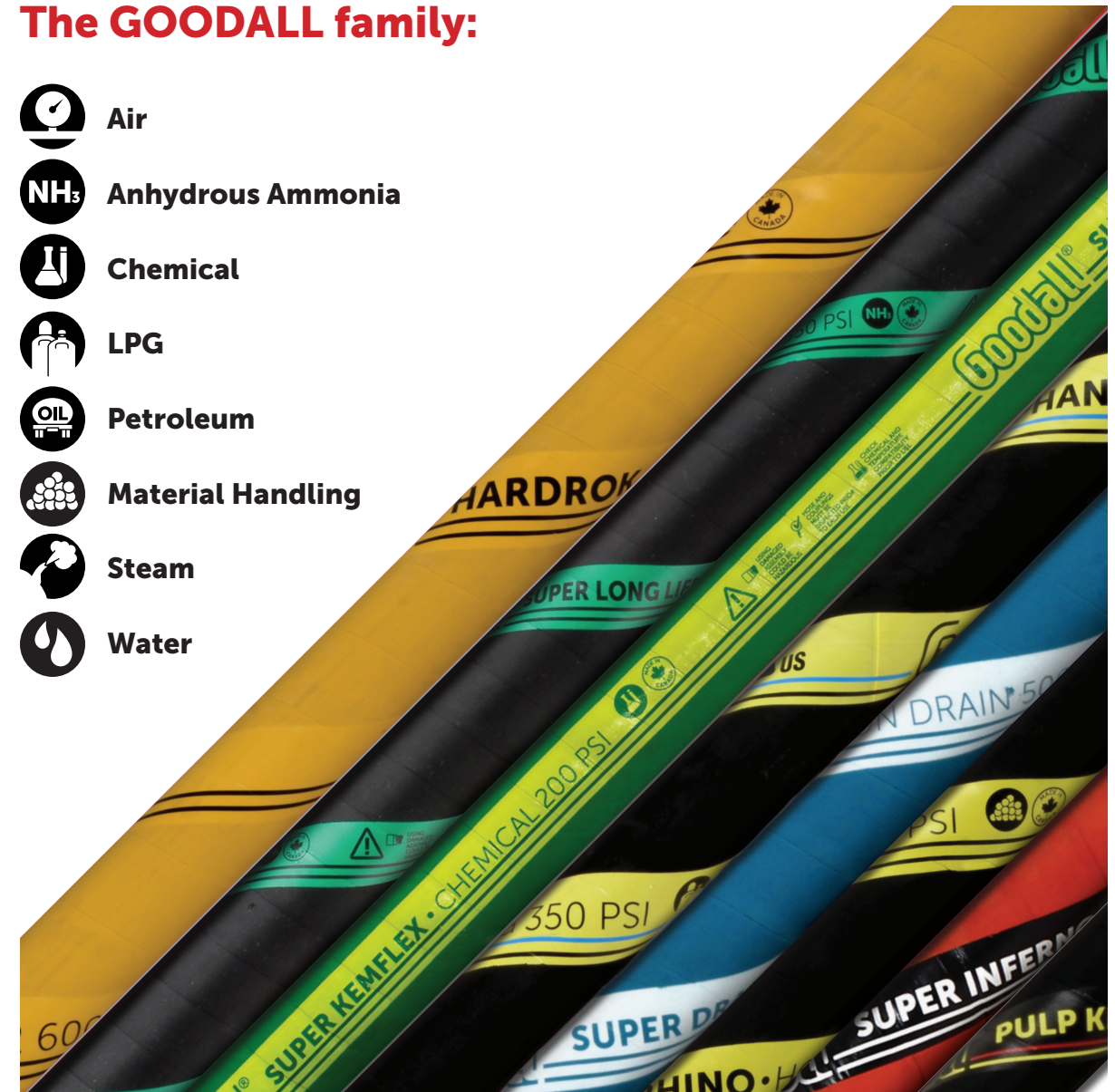
Max pressure	232 PSI (16 BAR)
Max temperature	212° F (100° C)
Standard length	131.2ft (40m)



**Tekno
EN 12115**

The GOODALL family:

-  **Air**
-  **Anhydrous Ammonia**
-  **Chemical**
-  **LPG**
-  **Petroleum**
-  **Material Handling**
-  **Steam**
-  **Water**



Goodall[®] INTELLIGENT HOSE TECHNOLOGY

WWW.GOODALLHOSES.COM