



GOLLMER & HUMMEL
hoses for heroes

IRRIGATION HOSES

COME
HOSE OR
HIGH **WATER.**





LAYFLAT HOSES, ELEVATED UNDERSTANDING.

YOUR PARTNER FOR CUSTOMISED HOSE SOLUTIONS.



To ensure your chances of success aren't left hanging by a thread but by a tear-proof hose, we at GOLLMER & HUMMEL are the fifth generation to create pioneering hose solutions. Professional solutions for the firefighting, agricultural and industrial sector that guarantee safety and quality. For almost 150 years, we have been pursuing our passion and thirst for innovation by exploring new horizons – which is also why customers from all over the world rely on our products. Our customers benefit from the flexibility and manufacturing expertise of a deeply rooted global player, as well as the customary advantages associated with a dedicated medium-sized enterprise. For our customers and tailor-made solutions are at the heart of everything we do! Our optimally equipped warehouse also enables us to respond rapidly to last-minute or urgent requests. We invest the time to ensure you reap the rewards.

YEARS OF UNDERSTANDING WHAT MATTERS.

Our GH HILCOFLEX product range is synonymous with world-renowned quality in irrigation hoses. Over the years, we have amassed a wealth of experience with our customers – experience from which you can now reap the benefits. High-quality materials such as highly abrasion-resistant polyurethane or nitrile rubber, coupled with specially developed and refined formulae based on years of experience, ensure nothing easily brings these hoses to their knees. We set standards in all areas of requirement: high pressure load, tensile strength, small bending radii and minimum pressure loss, excellent abrasion-resistance properties and lasting resistance under extreme climatic conditions and on difficult ground surfaces. So no matter where you plan to use our products, GOLLMER & HUMMEL hoses are always prepared.



SPRINKLER

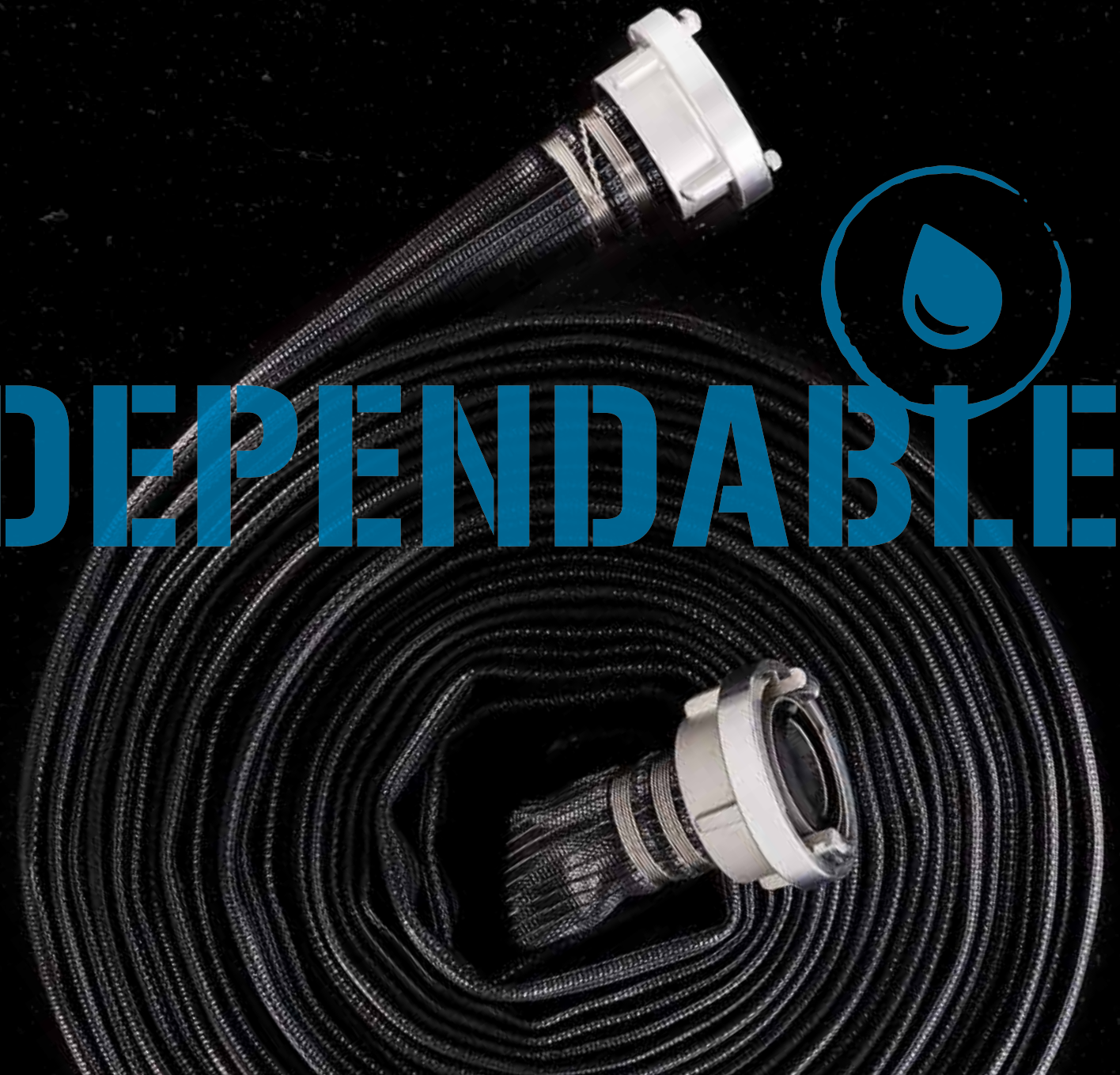
HOSES FOR HEROES



**SOME YEARS, THE WEATHER
GODS HAVE NO MERCY ON EVERYDAY
FARMING HEROES.**

When the rain fails to arrive and the crop is at risk, a solution has to be found – and fast! This is precisely why we keep a well-stocked warehouse that is able to respond directly to all of your needs – all season long. For GOLLMER & HUMMEL hoses are fully prepared – for any field in the world.

DEPENDABLE.



H

**THE CLASSIC ALL-PURPOSE HOSE.
THE GH HILCOFLEX. SO VERSATILE THAT IT HAS BEEN ADAPTING
TO SITUATIONS FOR YEARS.**

When rain is scarce and the dry season arrives, the GH HILCOFLEX is the absolute classic for all your watering needs. By classic we mean a well-known product featuring the latest technology. A product that has been on the market for years and has therefore not only grown but also constantly developed in line with market demands. Its innovative technology

also makes it the perfect hose both for pivot and linear irrigation. And its special rubberised jacket with longitudinal ribs makes it better able to withstand abrasion while protecting against contact heat. A compatible all-rounder of a hose you can rely on.

Bore size in mm/inches	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar	Breaking strength in kg
52 / 2"	400	2.5	16	20	50	3,900
65 / 2½"	540	2.5	16	20	50	4,300
70 / 2¾"	600	2.8	16	20	50	6,300
76 / 3"	650	2.9	16	20	50	6,500
80 / 3.2"	800	3.2	16	20	50	7,500
90 / 3½"	900	3.3	16	20	50	8,500
102 / 4"	1,000	3.3	16	20	50	9,500
110 / 4.33"	1,200	3.3	15	18	45	10,500
120 / 4.66"	1,400	3.5	14	17	42	11,000
127 / 5"	1,400	3.5	14	17	42	17,000
152 / 6"	1,800	3.7	14	17	42	17,900
203 / 8"	2,600	3.9	10	12	30	26,900



HARD-WEARING.

HA

**HOLDS ITS GROUND. NO MATTER WHAT.
THE GH HILCOFLEX AGRO INSTANTLY MASTERS
ANY CHALLENGE.**

The greater the demands, the greater the need for the GH HILCOFLEX AGRO. Whether for watering or draining, slurry or waste-water distribution, this is the hose for the job. For the GH HILCOFLEX AGRO is particularly characterised by its maximum resilience to any kind of internal and external resistance thanks to its extreme wall thickness. Be it fertiliser, agricultural chemicals or microorganisms,

the GH HILCOFLEX AGRO effortlessly holds its ground. The perfect rubber compound and extrusion process, plus the right processing technique, combine to create a more hard-wearing hose with excellent adhesion between the rubber and the special textile reinforcement. This is designed to make it strong enough to permanently withstand extreme tensile forces. A tough and durable hose.

Bore size in mm/inches	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar	Breaking strength in kg
52 / 2"	600	3.3	16	20	50	3,900
65 / 2½"	750	3.3	16	20	50	6,300
76 / 3"	900	3.3	16	20	50	8,800
90 / 3½"	1,200	3.4	16	20	50	10,900
102 / 4"	1,350	3.5	16	20	50	12,400
114 / 4½"	1,450	3.7	15	18	45	12,400
127 / 5"	1,700	3.9	15	18	45	17,000
154 / 6"	1,950	3.9	14	17	42	17,900
180 / 7"	2,900	4.5	14	17	42	24,000
205 / 8"	3,500	4.5	10	12	30	26,900
254 / 10"	4,200	5.2	10	12	30	43,200

POWERFUL..



HP

**THE HIGH-END MULTI-PURPOSE WEAPON.
THE HILCOFLEX PU ALWAYS
DELIVERS WHEN IT MATTERS.**

Whether for watering or draining, as a transport or drag hose, and even when ground conditions are difficult, you can't go wrong with the GH HILCOFLEX PU. The use of high-quality thermoplastic polyurethane (TPU) makes this hose an abrasion-resistant expert under increased pressure and movement. But the polyurethane has even more to offer: the applied extrusion process, whereby

the TPU is inextricably linked to its woven core, gives the GH HILCOFLEX PU unparalleled puncture resistance. A one-piece hose that is not about to let sharp stones and rough terrain stand in its way. Indestructible and also much lighter than comparable nitrile hoses. Hence, a heavy-duty all-rounder that handles perfectly.

Bore size in mm/inches	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar	Breaking strength in kg
52 / 2"	430	2.4	16	20	50	5,000
65 / 2½"	630	2.6	16	20	50	6,300
76 / 3"	700	2.8	16	20	50	8,800
90 / 3½"	950	2.9	14	17	42	10,900
102 / 4"	1,150	3.3	14	17	42	13,800
114 / 4½"	1,300	3.3	14	17	42	13,800
127 / 5"	1,500	3.4	14	17	42	17,000
152 / 6"	1,900	3.7	14	17	42	17,900
180 / 7"	2,500	4.3	14	17	42	31,000
205 / 8"	3,300	4.7	14	17	42	38,000



**THOSE WHO DO A 60–70-HOUR
WORKING WEEK ALL YEAR ROUND MUST
BE MADE OF STERN STUFF
TO WITHSTAND THE PRESSURE.**

—

This is precisely what the GH HILCOFLEX hoses do at the Vielfruchthof Domstift Mötzow farm in Brandenburg. They help the professionals to water their fields to perfection, enabling them to continue to reap the high-quality variety of fruit and vegetables they are accustomed to. Thanks primarily to their outstanding abrasion resistance, the everyday heroes of Domstift Mötzow are able to fully concentrate on the task at hand without having to worry about their hoses. For GOLLMER & HUMMEL hoses are fully prepared – for any field in the world.



**HOSES
FOR
HEROES**

HPD

**SIMPLY UNBEATABLE.
THE GH HILCOFLEX PU DRAG DEFIES ALL ODDS.**



While other irrigation hoses are buckling under the continuous load, the high-quality, thermoplastic polyurethane GH HILCOFLEX PU DRAG is just getting started. Its outstanding abrasion resistance and extreme wall thickness means it always delivers and is easily able to endure even the most heavy-duty use and tensile forces. This, coupled with a

combination of unrivalled adhesion and special de-spun yarn, ensures everything always goes according to plan when watering. Furthermore, thanks to Gollmer & Hummel's own normalisation process, the hoses also retain their bore size, preventing any unwanted stretching. An all-round resilient hose for outdoor use.

Bore size in mm/inches	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar	Breaking strength in kg
76 / 3"	950	3.5	16	20	50	8,800
90 / 3½"	1,100	3.5	15	18	45	10,900
102 / 4"	1,350	3.8	14	17	42	13,800
114 / 4½"	1,450	3.8	14	17	42	13,800
127 / 5"	1,850	3.8	14	17	42	20,500
140 / 5½"	1,950	3.9	14	17	42	22,500
152 / 6"	2,100	4	14	17	42	27,200
180 / 7"	2,800	4.5	10	12	30	35,000



HEROIC.



H2F

**CAN DO EVERYTHING.
THE GH HERKULES 2F – LIGHTWEIGHT,
FLEXIBLE AND HIGHLY VERSATILE.**

Made from high-quality EPDM rubber, the GH HERKULES can do everything a hose needs to do. Dip-coated for increased protection against abrasion, it is impervious to ageing and ozone or mildew and rot – despite being a real lightweight.

Its versatile jacket ensures great flexibility – even in the bitter cold – and a small coil diameter when storing. And if that weren't enough, it is also easy to repair in the event that it does happen to sustain any damage.

Bore size in mm	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar
52	285	1.8	16	20	50
65	340	1.8	16	20	50
70	405	1.8	16	20	50
75	440	1.8	16	20	50
90	565	2.2	10	12	30
102	705	2.2	10	12	30
110	730	2.2	10	12	30
127	870	2.2	10	12	30
152	1,150	2.2	10	12	30

T2F

SIMPLY. ALWAYS. NEEDED.
THE GH TITAN IS THE TRIED-AND-TESTED ALTERNATIVE
FOR ALL YOUR NEEDS.

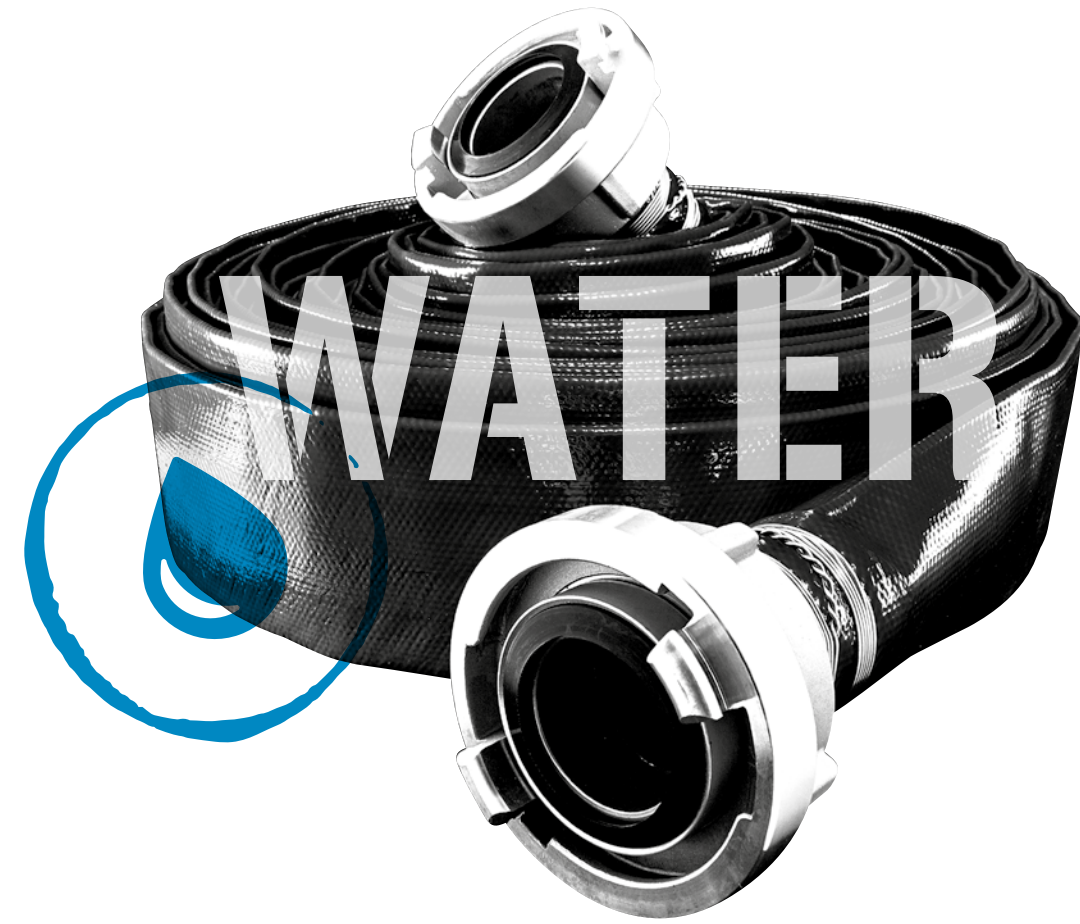


High-tenacity polyester yarn meets high-quality EPDM rubber, resulting in a highly reliable, high-performance, uncoated hose. Its material properties enable it to be lightweight and highly flexible in all temperatures while demonstrating the typical

GOLLMER & HUMMEL resistance to any type of adverse conditions. The GH TITAN is simply reliable wherever needed.

Bore size in mm	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar
52	260	1.7	16	20	50
65	310	1.7	16	20	50
70	350	1.7	16	20	50
75	400	1.7	16	20	50
90	510	2.1	10	12	30
102	640	2.1	10	12	30
110	680	2.1	10	12	30
127	750	2.1	10	12	30
152	980	2.1	10	12	30





HOSES FOR HEROES

**NEIGHBOURING SWITZERLAND
HAS ITS CHALLENGES,
AS IT IS ALMOST COMPLETELY COVERED
BY MOUNTAINS.**

The demands couldn't possibly be any higher, in the truest sense of the word – bitter cold in winter and intensely high sun in summer. Really extreme climatic conditions that a hose used by farm equipment suppliers Möri Kartoffel- und Gemüsebautechnik must be able to withstand. But the highly ozone-, UV- and weather-resistant materials of GOLLMER & HUMMEL more than do their job here, allowing the heroes of Möri to concentrate on providing their fields with just the right amount of water all year round. Fully prepared – for any field in the world.

SPECIAL..



Bore size in mm/inches	Weight per metre in g	Wall thickness in mm	Working pressure in bar	Burst pressure in bar
GH P-FLEX M				
38 / 1½"	230	1.5	7	21
52 / 2"	340	1.6	7	21
65 / 2½"	430	1.7	7	21
76 / 3"	570	1.9	6	18
102 / 4"	880	2.3	6	18
127 / 5"	1,100	2.3	6	18
152 / 6"	1,500	2.6	6	18
GH P-FLEX L				
38 / 1½"	205	1.3	5	15
52 / 2"	270	1.3	5	15
65 / 2½"	380	1.5	4	12
76 / 3"	530	1.7	4	12
102 / 4"	710	1.8	4	12
127 / 5"	950	1.9	3	9
152 / 6"	1,180	2	3	9

PF

WHEN THINGS NEED TO GO SMOOTHLY. THE GH P-FLEX M AND GH P-FLEX L ARE THE DURABLE ALTERNATIVES IN PVC.

Sometimes, carefully measured amounts rather than masses of water are required for irrigation, making the GH P-FLEX models the perfect choice of feeder hose for drip irrigation. But these experts are also suited to handling tasks in other areas of agriculture, too, that no other hose could manage. For example, they serve as protective hoses for cables and hydraulic hoses, thus demonstrating exceptional adhesion for PVC hoses. This makes them a reliable and flexible partner for medium-heavy (GH P-FLEX M) to light (GH P-FLEX L) duties, offering optimum protection against mechanical damage.

**1 ALWAYS IN STOCK
WHEN NEEDED.**

Over the years, we have encountered a number of extreme situations.

Customer cases requiring quick solutions to respond to everyday unpredictabilities. One of which is most definitely the weather. A lengthy period of drought is often enough to jeopardise an entire crop. But what happens if you are not fully prepared? Or if a hose gets damaged at the worst possible time?

For many years, we have been keeping a well-stocked warehouse on site for precisely such cases, allowing us to respond to bottlenecks with the greatest possible flexibility. And allowing you to rest assured that you have a partner by your side who you can rely on even in an emergency.



**2 THE STUFF
HEROES ARE MADE OF.**

It all starts with the right choice of material. Countless tests and material trials have led to the use of two high-quality materials: polyurethane and nitrile rubber. These undergo an extrusion process, which means that they are extruded through our woven core made of de-spun yarn and thus inextricably linked. This gives our hoses unrivalled adhesion.

But there's so much more to the perfect hose. One further step. Under pressure, we apply steam to our polyurethane hoses in a so-called normalisation process. This ensures when under pressure in use, your hoses will retain their shape and not slacken – no matter what. In short: we make hoses for heroes.



HOSES FOR HEROES



GH

**HOSES FOR ALL AREAS OF APPLICATION.
VARIETY AND QUALITY
FOR ALL KINDS OF HEROIC DEEDS.**



**FIRE
HOSES**



**INDUSTRIAL
HOSES**



**LIQUID MANURE
HOSES**



**IRRIGATION
HOSES**



**SNOW-MAKING
HOSES**

GH TITAN X-TREME | GH TITAN COMBAT | GH TITAN 2F | GH TITAN 3F | GH TITAN REEL | GH HERKULES 2F | GH HERKULES 3F | GH PROGRESS | GH PROGRESS ATTACK | GH PROGRESS PLUS | GH PROGRESS SPEZIAL | GH PROGRESS SUPPLY | GH PROGRESS X-TREME | GH TEXFLEX FIRE | GH TEXFLEX FIRE HD | GH HILCOFLEX | GH HILCOFLEX AQUA | GH ÖL GARANT | GH ARTUS | GH DOUBLE JACKET | GH HILCOFLEX | GH HILCOFLEX SPEZIAL | GH HILCOFLEX PU | GH HILCOFLEX PU KULI | GH HILCOFLEX OIL | GH HILCOFLEX AQUA | GH TEXFLEX INDUSTRIAL | GH P-FLEX M | GH P-FLEX L | GH TITAN 2F | GH HERKULES 2F | GH SILO | GH PROTECTOFLEX | GH PROTECTOFLEX EPDM | GH HILCOFLEX | GH HILCOFLEX PU | GH HILCOFLEX PU DRAG | GH HILCOFLEX AGRO | GH P-FLEX M | GH P-FLEX L | GH HILCOFLEX | GH HILCOFLEX AGRO | GH HILCOFLEX PU | GH HILCOFLEX PU DRAG | GH P-FLEX M | GH P-FLEX L | GH TITAN 2F | GH HERKULES 2F | GH SNOWBLAST | GH SNOWSTORM | GH BLIZZARD

HOSES FOR HEROES



GOLLMER & HUMMEL
hoses for heroes

