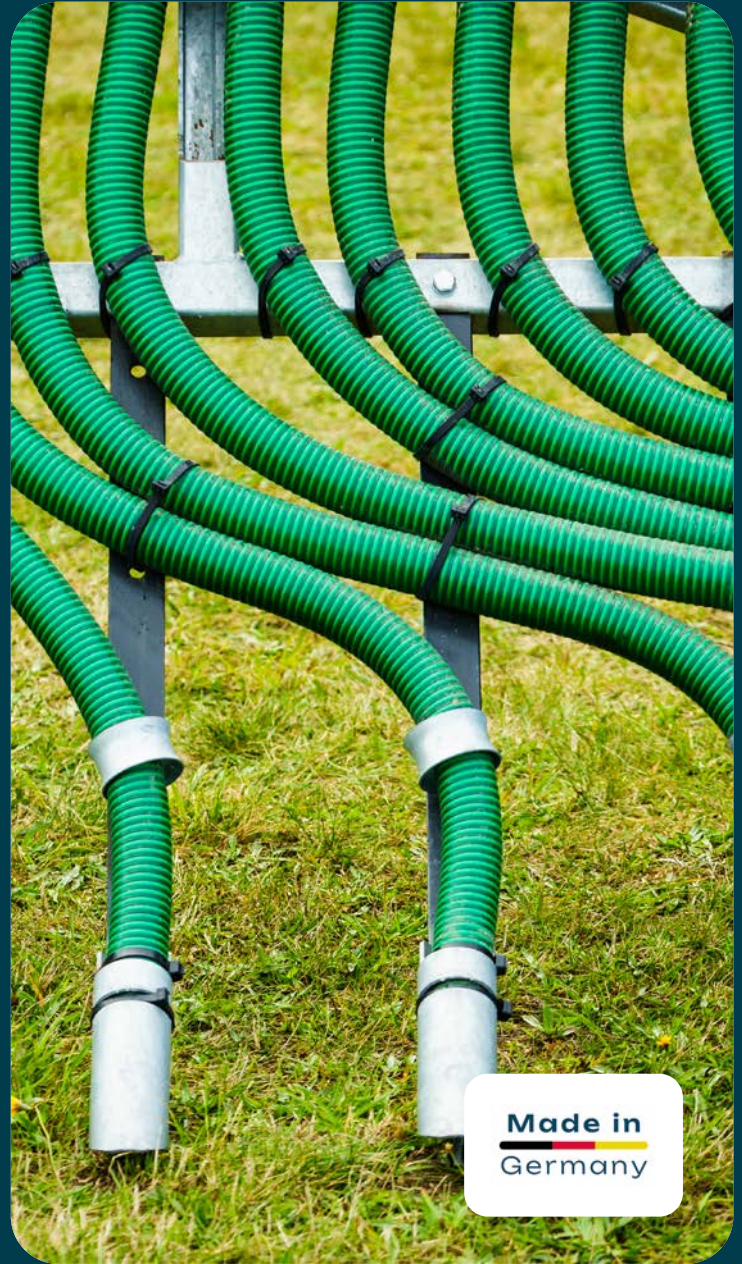


Ocono



Hoses for Agriculture

Tradition in Motion – that’s Ocono



Ocono

Since our founding in 1953 and our historic evolution from the mining industry, we at **Ocono** (formerly Schauenburg Hose Technology Group) have been focused on the future and on meeting the current and future needs of our customers within the industry. We believe that outstanding, one-stop solutions can only be created when decades of experience, a deep understanding of the market, and a wide range of expertise come together to deliver solutions that are both functionally and technologically compelling.

For this reason, we are taking a groundbreaking step toward the future for our customers, partners, and our own employees. Since 2026, we have been bringing ourselves even closer together under the new Ocono brand to stand by your side as a reliable partner—consistently and with a wealth of synergies!

Since April 2026, **Ocono** (formerly Schauenburg Hose Technology Group) has been active in the market under its new brand following a comprehensive rebranding process, enabling us to leverage synergies within the individual production and sales units—both nationally and internationally—even more effectively for our customers.



Learn more at
www.ocono.com

Tradition. Competence. Future.

We are your expert for **smart solutions involving hoses and flexible connection systems**—from everyday industrial use to specialized applications. We love solutions that work and partnerships that last.

We support our customers throughout the entire process – from understanding their needs to finding the right solution for their business.

Our promise to you:

- Solution Competence
- Diverse Product & Service Portfolio
- Availability From Stock
- Strong Implementation Abilities

It is especially important to us to use our enthusiasm, passion, and diversity to provide you with a smart solution that will shape your future.

Expertise



Trust



Foresight



Enthusiasm



Welcome to Our New Chapter



The name **Ocono** (formerly Schauenburg Hose Technology Group) brings together strong companies and specialized expertise under one unified brand. This strength is particularly evident in Europe:

In Germany, the production competencies of our European members are concentrated in **Ocono Ruhrkunststoff** (formerly SCHAUENBURG Ruhrkunststoff), based in Mülheim an der Ruhr, **Ocono VACUFLEX** (formerly VACUFLEX) based in Mörfelden-Walldorf, and **Ocono APD Schlauchtechnik** (formerly APD Schlauchtechnik) based in Viersen.

In Italy, **Ocono Italy** (formerly TubiOne), based in Varese,

in Romania, **Ocono Romania** (formerly APR Inovaflex) located in Bucharest, and in France, **Ocono France** (formerly GAP Plastomère), based in Montélimar, bring us closer to customers, applications, and markets in Southern and Eastern European markets.

Beyond our European presence, our international sister companies operate independently in production and sales: In the Americas through Flexaust Inc. with several locations in the USA.

In China with two locations, which will be presented under **Ocono China** in the future.

Ocono

APD Schlauchtechnik

Ocono

Ruhrkunststoff

Ocono

VACUFLEX

Ocono

France

Ocono

Italy

Ocono

Romania

Your Trusted Partner for Agricultural Hose Solutions



About Ocono

Ocono (formerly Schauenburg Hose Technology Group) brings together experienced companies, strong expertise and a broad portfolio under a single brand. As an international-ly positioned group of companies, we develop sustainable solutions for a wide range of requirements – reliably, in part-nership with our customers, and with a genuine passion for what we do. Our daily motivation is to be a reliable long-term partner at your side, so they can focus on their core business. We bring decades of expertise, a hands-on mindset and a real passion for what we do. That is why we go the extra mile for strong results, lasting partnerships and solutions that are built to move businesses forward.

This Brochure

This brochure provides a focused look at essential agricul-tural applications and specialized machinery, highlighting the reliable hose solutions engineered for demanding daily use in the field. From liquid transfer to pneumatic seeding, each application brings unique technical demands. The following pages outline these key operational areas and feature our dedicated product portfolio—delivering a clear, practical guide to our flexible hose solutions for agriculture

Our Customers

Whether custom-engineered hose solutions for agricultural machinery OEMs, reliable product lines for specialized agri-cultural distributors, or fast-turnaround replacement options for spare parts dealers, we tailor our range specifically to the demands of the agricultural sector. We partner closely with equipment manufacturers, technical dealers, and parts suppliers to deliver durable, practical hose solutions backed by deep industry expertise.

Whether you are searching by specific hose line or operational application, our table of contents pro-vides a clear overview to help you quickly find the right solution.



For more information about us and our products, visit www.ocono.com

Contents

Slurry Spreading | 06–07

Supply Hoses

- APDatec 144
- Vidaspir M 141
- SPEARFLEX® OFR Nordic
- VIDAFLEX EXTRA

Distribution & Trailing Hoses

- APDatec 105
- SMOOTHFLEX® PRO PU AGRI
- FLEXACIER® STD 27
- APDatec 105ST

Seeding | 08–11

Air Flow & Primary Delivery

- SMARTFLEX® 0.4
- SMARTFLEX® 0.7
- SMARTFLEX® 1.4
- FLEXADUX® P7 M PU EL

Seed & Fertilizer Delivery

- VC2 SeedX PU
- SMOOTHFLEX® PU EL X-TRA MHR
- SMOOTHFLEX® PU FOOD
- SeedX 124
- MONOFLEX® EXTRA UV
- SeedX 41 B
- FLEXACIER® STD 27
- APDatec 144

Irrigation | 12–15

Field Irrigation & Dewatering

- One Flat Agro
- ONE PU GERMANY
- OneFlat Premium 188
- OneFlat S/L

Irrigation & Watering In Controlled Environment Agriculture (CEA)

- Smartflex SMT Premium – Green
- Smartflex SMT Comfort – Orange
- Smartflex SMT Comfort – Yellow
- PleXus Classic
- GreenX Sprinkler Hose
- GreenX Hydracord
- GreenX Clearwater
- GreenX Soaker Hose

Spraying & Crop Protection | 16–17

- SMOOTHFLEX® PU X-TRA MHR
- VACUFLEX® K1H PU AGRI MHR
- SMARTFLEX® 0.7
- VACUFLEX® K1H
- Vidaspir BT 106
- APDatec 412
- APDatec 810
- APDatec 82

Harvesting, Material Handling & Animal Feeding | 18–19

- APDatec 120
- SMOOTHFLEX® PU FOOD ANT
- SMOOTHFLEX® PU MHR AS+
- FLEXADUX® P7 M PU Food
- SMARTFLEX® 0.7
- SMARTFLEX® 1.0
- SMARTFLEX® 1.4
- SMARTFLEX® 2.0

Biogas, Air Handling & Ventilation Systems | 20–21

Feeding & Transferring Slurry

- SPEARFLEX® OFR Nordic
- APDatec 142

Air Support & Exhaust

- FLEXADUX® P2 HL
- SMARTFLEX® 0.4

Ventilation Hoses

- FLEXADUX® P2 A 1000
- FLEXADUX® P1 N
- VACUFLEX® K1H
- VACUFLEX® K1H TPR

Milk Farms & Wineries | 22–23

- APDatec 823 Lactoflex
- REDSPIR LS SAF
- REDSPIR STANDARD
- REDSPIR SUPER SPH
- FLEXACIER® STD 27
- FLEXACIER® Super 276

Multipurpose & Utility Hoses | 24–25

- APDatec 10
- APDatec 12
- APDatec 81
- APDatec 840
- OnePressGermany 257
- OnePressGermany 258

Connection & Accessories | 26–27

Slurry Spreading

Optimal crop yields rely on balanced soil nutrition. To maintain stable nutrient levels and promote consistent plant growth, precise fertilizer application is essential. Drawing on years of technical development and close

collaboration with leading slurry equipment OEMs, we deliver complete, high-performance hose solutions designed specifically for dribble bars, trailing shoes, and injection systems—built to withstand demanding field operations.

Icon Legend


food grade


microbe resistant


hydrolysis resistant


grounding wire


permanent antistatic


electrically conductive


high temperature


flame retardant


very smooth inside


abrasion resistant



AI-Modified

Reliable Performance in Extreme Field Conditions.

Kink-resistant, highly flexible hose systems engineered to withstand severe weather, UV exposure, and continuous wear for smooth, uninterrupted slurry distribution.



Supply Hoses

APDatec 144



Applications

vacuum pumps, liquid manure spreading, fertilizer spreading, biogas plants, seed conveying, liquid manure supply

Features

very good flexibility, very high vacuum resistance, smooth inside, corrugated outside, very good chemical resistance, good ozone- & UV-resistance, weather proof

Construction

PVC/Buna, grey, opaque, plastic spiral / rigid PVC

Temperature

-40°C up to 60°C

VIDASPIR M 141



Applications

waste water, pump technology, waste disposal vehicles, liquid, manure spreading, liquid manure supply

Features

good flexibility, good low-temperature flexibility, crush-resistant, very high vacuum resistance, very smooth inside

Construction

soft PVC, grey / silver grey (similar RAL 7001), opaque, plastic spiral / rigid PVC

Temperature

-25°C up to 50°C

SPEARFLEXX OFR Nordic



Applications

waste water, waste disposal vehicles, liquid manure spreading, suction vehicles & dredgers, biogas plants

Features

very high vacuum resistance, very good flexibility, very good low-temperature flexibility, smooth inside, corrugated outside,

Construction

soft PVC, opaque, plastic spiral / rigid PVC

Temperature

-40°C up to 40°C, short term up to 40°C

VIDAFLEX EXTRA



Applications

waste management, waste disposal vehicles, liquid manure spreading, suction vehicles & dredgers, biogas plants, liquid manure supply

Features

very good flexibility, very good low-temperature flexibility, crush-resistant, very high pressure resistance, very high vacuum resistance, corrugated outside, very smooth inside

Construction

soft PVC, blue / signal blue (similar RAL 5005), opaque, plastic spiral / rigid PVC

Temperature

-40°C up to 50°C

Distribution & Trailing Hoses

APDatec 105



Applications

liquid manure spreading, agriculture, irrigation, waste water

Features

very good flexibility, crush-resistant, smooth outside, smooth inside, good chemical resistance, good ozone- & UV-resistance, weather proof

Construction

soft PVC, green, transparent, plastic spiral / rigid PVC

Temperature

-25°C up to 60°C

SMOOTHFLEXX PRO PU AGRI



Applications

liquid manure spreading, seed conveying, grain conveying, fertilizer spreading, pesticides

Features

good flexibility, good low-temperature flexibility, good abrasion resistance, corrugated outside smooth inside, hydrolysis & microbe resistant, rot proof, weather proof

Construction

Polyether-Polyurethane, green, translucent, plastic spiral / rigid PVC

Temperature

-40°C up to 80°C

FLEXACIER® STD 27



Applications

beverage production & conveying, food production & -conveying, irrigation, agriculture, seed conveying, liquid manure spreading

Features

good flexibility, crush-resistant, very high vacuum resistance, smooth outside, smooth inside, phthalate-free

Construction

PVC, uncolored, transparent, steel wire / iron wire / not coated / galvanized

Temperature

-20°C up to 65°C

APDatec 105 ST



Applications

liquid manure spreading, agriculture, irrigation, waste water, trailing hose application, dribble bars

Features

very robust & resistant, reinforced with shock-resistant PVC spiral, crush-resistant, smooth outside, smooth inside, good chemical resistance, good ozone- & UV-resistance, weather proof

Construction

soft PVC, green, transparent, plastic spiral / rigid PVC

Temperature

-25°C up to 60°C

Seeding

Efficient crop establishment demands precise and uninterrupted seed placement. To meet the rigorous demands of modern air seeders and pneumatic drills, we supply an extensive range of highly abrasion-resistant Polyether-Polyurethane (PU) hoses, available with antistatic or permanently electrically conductive properties to pre-

vent media buildup. For versatile equipment setups, we also provide cost-effective PVC-based alternatives—utilizing advanced nitrile rubber (NBR) blends or integrated PU abrasion linings—alongside steel wire-reinforced PVC hoses engineered for reliable gravity-fed systems.

Icon Legend



food grade



microbe resistant



hydrolysis resistant



grounding wire



permanent antistatic



electrically conductive



high temperature



flame retardant



very smooth inside



abrasion resistant



Air Flow & Primary Delivery

SMARTFLEX® 0.4



Applications
air extraction, air supply, green-house ventilation, ventilation, biogas, plants

Features
flame-retardant, permanently antistatic ($R < 10^9$ Ohm), hydrolysis & microbe resistant, excellent flexibility, good oil & petrol resistance

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 0.7



Applications
conveying technology, leaf extraction, conveying of abrasive media, seed conveying, grain conveying, silo technology static-safe seed spreading

Features
flame-retardant, permanently antistatic ($R < 10^9$ Ohm), hydrolysis & microbe resistant, good flexibility, good oil & petrol resistance

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 1.4



Applications
conveying of abrasive media, grass extraction, seed conveying, grain conveying, silo technology static-safe seed spreading, harvesting

Features
flame-retardant, permanently antistatic ($R < 10^9$ Ohm), hydrolysis & microbe resistant, good flexibility, very smooth inside, corrugated outside

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

FLEXADUX® P7 M PU EL



Applications
granulate conveying, conveying of abrasive media, seed conveying, grain conveying, silo technology, biogas plants, static-safe seed spreading

Features
very good abrasion resistance, very smooth inside, corrugated outside, good oil & petrol resistance, hydrolysis & microbe resistant, electrically conductive ($R \leq 10^3$ Ohm)

Construction
Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 90°C



Engineered for High-Abrasion Seed Delivery.

Premium Polyether-PU construction combined with anti-static protection—preventing seed clogging and ensuring smooth, reliable flow through pneumatic drills and gravity systems.

Seed & Fertilizer Delivery

VC2 SeedX PU	SMOOTHFLEXX PU EL X-TRA MHR	SMOOTHFLEXX PU FOOD	SeedX 124	MONOFLEXX EXTRA UV	SeedX 41 B	FLEXACIER® STD 27	APDatec 144
							
							
<p>Applications seed conveying, grain conveying, fertilizer spreading, agriculture, waste water, irrigation, air supply</p> <p>Features very good flexibility, good abrasion resistance, corrugated outside, very smooth inside, good ozone- & UV-resistance, hydrolysis & microbe resistant, rot proof, weather proof</p> <p>Construction Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC</p> <p>Temperature -30°C up to 90°C</p>	<p>Applications seed conveying, extraction systems, agriculture, static-safe seed spreading</p> <p>Features hydrolysis & microbe resistant, rot proof, weather proof, good flexibility, good abrasion resistance, corrugated outside, smooth inside, permanently antistatic (R < 10⁶ Ohm)</p> <p>Construction Polyether-Polyurethane, black, opaque, plastic spiral / rigid PVC</p> <p>Temperature -20°C up to 80°C</p>	<p>Applications seed conveying, conveying of abrasive media, agriculture, grass extraction, grain conveying, silo technology, animal feed conveying</p> <p>Features light weight, very good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, weather proof, rot proof</p> <p>Construction Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC</p> <p>Temperature -30°C up to 80°C</p>	<p>Applications static-safe seed spreading, granulate conveying, seed conveying, fertilizer spreading</p> <p>Features very good flexibility, good low-temperature flexibility, crush-resistant, high vacuum resistance, high pressure resistance, with highly abrasion-resistant polyurethane inner layer</p> <p>Construction soft PVC, grey, opaque, plastic spiral / rigid PVC</p> <p>Temperature -20°C up to 60°C</p>	<p>Applications liquid manure spreading, agriculture, seed conveying, grain conveying, fertilizer spreading</p> <p>Features good flexibility, very good low-temperature flexibility, crush-resistant, high vacuum resistance, smooth inside</p> <p>Construction soft PVC, uncolored, transparent, plastic spiral / rigid PVC</p> <p>Temperature -25°C up to 60°C</p>	<p>Applications seed conveying, grain conveying</p> <p>Features good flexibility, good low-temperature flexibility, crush-resistant, high vacuum resistance, corrugated outside smooth inside</p> <p>Construction soft PVC, uncolored, transparent, plastic spiral / rigid PVC</p> <p>Temperature -25°C up to 50°C</p>	<p>Applications beverage production & conveying, food production & -conveying, irrigation, agriculture, seed conveying, liquid manure spreading</p> <p>Features good flexibility, crush-resistant, very high vacuum resistance, smooth outside, smooth inside, phthalate-free</p> <p>Construction PVC, uncolored, transparent, steel wire / iron wire / not coated / galvanized</p> <p>Temperature -20°C up to 65°C</p>	<p>Applications vacuum pumps, liquid manure spreading, fertilizer spreading, biogas plants, seed conveying, liquid manure supply</p> <p>Features very good flexibility, very high vacuum resistance, smooth inside, corrugated outside, very good chemical resistance, good ozone- & UV-resistance, weather proof</p> <p>Construction PVC/Buna, grey, opaque, plastic spiral / rigid PVC</p> <p>Temperature -40°C up to 60°C</p>



Irrigation

Efficient water management is essential for optimizing crop health and yield consistency. To support reliable field distribution, we offer a comprehensive range of heavy- and standard duty layflat discharge hoses designed for high-volume supply to drip irrigation networks, water cannons, and pivot systems. For smaller-volume distri-

bution and everyday farm maintenance, our portfolio includes standard water hoses alongside our advanced, kink- and torsion-free Smartflex Garden series—delivering leak-free performance and effortless handling across all operational scales.

Icon Legend



food grade



microbe resistant



hydrolysis resistant



grounding wire



permanent antistatic



electrically conductive



high temperature



flame retardant



very smooth inside



abrasion resistant



Field Irrigation & Dewatering

One Flat Agro



Applications
agriculture, irrigation, waste water

Features
good abrasion resistance, good tensile strength, crush-resistant, can be driven over, high pressure resistance, very smooth inside, good oil & petrol resistance

Construction
NBR soft PVC, black, opaque

Temperature
-20°C up to 80°C

ONE PU GERMANY



Applications
pump technology, conveying of abrasive media, irrigation, water drain, cleaning

Features
very high pressure resistance, very good abrasion resistance, very good chemical resistance, very good low-temperature flexibility, good ozone- & UV-resistance, weather proof

Construction
Polyester-Polyurethane, red, opaque, cross braid

Temperature
-30°C up to 80°C

OneFlat Premium 188



Applications
pump technology, waste water, water drain, cable protection, irrigation

Features
light weight, crush-resistant, can be driven over, very high pressure resistance, smooth inside, hydrolysis & microbe resistant

Construction
EPDM, white, opaque

Temperature
-20°C up to 65°C

OneFlat S/L



Applications
waste water, water drain, irrigation, agriculture, cable protection

Features
light weight, crush-resistant, can be driven over, high pressure resistance, smooth inside, smooth outside

Construction
PVC, blue, opaque

Temperature
-20°C up to 65°C



Engineered for Spill-Free Water Transfer

High-tensile layflat construction paired with advanced torsion-free technology—delivering maximum flow rates, kink resistance, and long service life across all agricultural irrigation systems.

Irrigation & Watering in Controlled Environment Agriculture (CEA)

SMARTFLEX® SMT Premium - Green



Applications
irrigation, green houses, horticulture

Features
excellent flexibility, good tensile strength, crush-resistant, can be driven over, anti-torsion, kink-resistant, high pressure resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof, phthalate-free

Construction
soft PVC, grey, opaque, SMT knitting

Temperature
-20°C up to 65°C

SMARTFLEX® SMT Comfort - Orange



Applications
irrigation, geen houses, horticulture

Features
excellent flexibility, good tensile strength, crush-resistant, can be driven over, anti-torsion, kink-resistant, very high pressure resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof, phthalate-free

Construction
soft PVC, grey, opaque, SMT knitting

Temperature
-15°C up to 65°C

SMARTFLEX® SMT Comfort - Yellow



Applications
irrigation, green houses, horticulture

Features
excellent flexibility, good tensile strength, crush-resistant, can be driven over, kink-resistant, anti-torsion, very high pressure resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof, phthalate-free

Construction
soft PVC, yellow, opaque, SMT knitting

Temperature
-15°C up to 65°C

PleXus Classic



Applications
irrigation, cleaning, horticulture

Features
good flexibility, smooth outside, smooth inside, weather proof, good ozone- & UV-resistance, hydrolysis & microbe resistant, phthalate-free

Construction
soft PVC, yellow / zinc yellow (similar RAL 1018), opaque, cross braid

Temperature
-20°C up to 65°C

GreenX Sprinkler Hose



Applications
irrigation, green houses

Features
crush-resistant, good oil & petrol resistance, weather proof, hydrolysis & microbe resistant, self-extinguishing

Construction
soft PVC, green, opaque

Temperature
-5°C up to 60°C

GreenX Hydracord



Applications
irrigation, agriculture, waste disposal vehicles

Features
high pressure resistance, corrugated outside, smooth inside, excellent temperature resistance, good oil & petrol resistance, hydrolysis & microbe resistant, rot proof, good ozone- & UV-resistance; self-extinguishing

Construction
CR, black, opaque

Temperature
-30°C up to 100°C

GreenX Clearwater



Applications
irrigation, agriculture, waste disposal vehicles

Features
high pressure resistance, smooth outside, smooth inside, very good temperature resistance, good oil & petrol resistance, hydrolysis & microbe resistant, good ozone- & UV-resistance

Construction
EPDM, black, opaque

Temperature
-10°C up to 100°C

GreenX Soaker Hose



Applications
irrigation, green houses, horticulture, compost moistening

Features
good oil & petrol resistance, weather proof, hydrolysis & microbe resistant, phthalate-free, crush-resistant

Construction
black, opaque

Temperature
-15°C up to 60°C



AI-Modified

Spraying & Crop Protection

Precise chemical application is critical for safeguarding crops and maximizing yield quality. To support every stage of crop protection—from compact backpack sprayers for targeted treatment to high-capacity boom sprayers for broad acreage—we engineer a comprehensive

range of chemical-resistant hoses. Designed to handle aggressive pesticides, herbicides, and liquid fertilizers, our hoses deliver outstanding pressure resistance, high flexibility, and long-term durability in vineyard and field spray applications.

Icon Legend



food grade



microbe resistant



hydrolysis resistant



grounding wire



permanent antistatic



electrically conductive



high temperature



flame retardant



very smooth inside



abrasion resistant



Versatile Solutions for Crop Protection

Formulated for superior resistance against aggressive pesticides, herbicides, and liquid fertilizers—delivering flexible, reliable performance across all vineyard and field spraying equipment.



SMOOTHFLEXX PU X-TRA MHR



Applications

seed conveying, extraction systems, agriculture

Features

good flexibility, good abrasion resistance, corrugated outside, smooth inside, hydrolysis & microbe resistant, rot proof, weather proof, good temperature resistance

Construction

Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC

Temperature

-40°C up to 80°C

VACUFLEX® K1H PU AGRI MHR



Applications

fertilizer spreading, pesticides sprayers, biogas plants

Features

light weight, good flexibility, good tensile strength, ultimate elongation, good abrasion resistance, free of halogen & softeners, phthalate-free

Construction

Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU

Temperature

-40°C up to 90°C, short term up to 125°C

SMARTFLEX® 0.7



Applications

conveying technology, leaf extraction, conveying of abrasive media, seed conveying, grain conveying, silo technology, static-safe seed spreading

Features

flame-retardant, permanently antistatic ($R < 10^9$ Ohm), hydrolysis & microbe resistant, good flexibility, good oil & petrol resistance

Construction

Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature

-40°C up to 100°C, short term up to 125°C

VACUFLEX® K1H



Applications

air supply, sprayers, greenhouse, ventilation

Features

light weight, good flexibility, good chemical resistance, hydrolysis & microbe resistant, ultra light & extremely flexible, good mechanical strength

Construction

PVC, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PVC

Temperature

-10°C up to 70°C

Vidaspir BT 106



Applications

agriculture, seed conveying, fertilizer spreading, pesticides, sprayers, biogas plants

Features

good flexibility, good low-temperature flexibility, crush-resistant, high vacuum resistance, smooth inside

Construction

soft PVC, black, opaque, plastic spiral / rigid PVC

Temperature

-25°C up to 60°C

APDatec 412



Applications

ventilation, sprayers, greenhouse ventilation

Features

very good flexibility, corrugated outside, smooth inside, good chemical resistance, good ozone- & UV-resistance

Construction

soft PVC, grey / anthracite grey (similar RAL 7016), opaque, plastic spiral / rigid PVC

Temperature

-10°C up to 60°C

APDatec 810



Applications

compressors, sprayers, compressed air, agriculture, irrigation

Features

high pressure resistance, good chemical resistance, good ozone- & UV-resistance, weather proof

Construction

soft PVC, black, opaque, cross braid

Temperature

-20°C up to 65°C

APDatec 82



Applications

sprayers, compressed air, high pressure cleaning, fertilizer spreading, agriculture, irrigation

Features

very good flexibility, very high pressure resistance, very good chemical resistance, good resistance to compressed air containing mineral oil, good ozone- & UV-resistance, weather proof

Construction

soft PVC, blue, opaque, cross braid

Temperature

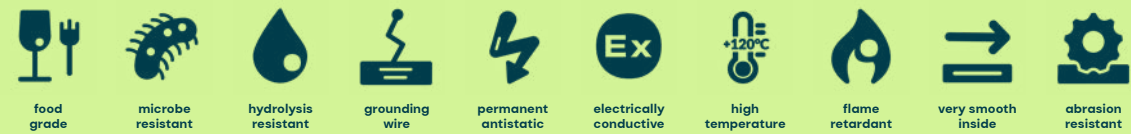
-10°C up to 60°C

Harvesting, Material Handling & Animal Feeding

Efficient crop collection and feed processing require uninterrupted material flow at every stage of the agricultural cycle. Engineered for heavy-duty farm machinery and intake systems, our flexible ducting and transfer hoses facilitate the continuous movement of harvested crops,

grain, forage, and animal feed. Built to excel in demanding field and farmstead environments, these hoses deliver maximum resistance to severe abrasion, mechanical fatigue, and weather exposure—ensuring peak machinery uptime and long-term reliability.

Icon Legend



Engineered for Abrasive Media & Continuous Flow

Superior flexibility and exceptional wear resistance combined to withstand high particle impact, mechanical flexing, and heavy daily use across harvesting and feeding machinery.



AI-Generated

APDatec 120



Applications
granulate conveying, grain conveying, silo technology, pellet transport, animal feed conveying

Features
good flexibility, very smooth inside, corrugated outside, very good chemical resistance, weather proof, with copper wire for grounding

Construction
soft PVC, uncolored, transparent, plastic spiral / rigid PVC, coated strand / copper strand

Temperature
-5°C up to 60°C

SMOOTHFLEXX PU FOOD ANT



Applications
seed conveying, grain conveying, food production & -conveying, leaf extraction, silo technology

Features
good flexibility, good abrasion resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, rot proof, weather proof, with copper wire for grounding

Construction
Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC, coated strand / copper strand

Temperature
-30°C up to 80°C

SMOOTHFLEXX PU MHR AS+



Applications
grain conveying, seed conveying, feed conveying, pellet transport, silo technology, animal stables

Features
hydrolysis & microbe resistant, rot proof, weather proof, good flexibility, light weight, good abrasion resistance, very smooth inside, corrugated outside

Construction
Polyether-Polyurethane, uncolored, transparent, plastic spiral / rigid PVC

Temperature
-40°C up to 80°C

FLEXADUX® P7 M PU Food



Applications
food production & -conveying, conveying of abrasive media, seed conveying, grain conveying, silo technology, animal feed conveying

Features
good flexibility, very good low-temperature flexibility, very good abrasion resistance, very smooth inside, corrugated outside, free of halogen & softeners

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 0.7



Applications
conveying technology, leaf extraction, conveying of abrasive media, seed conveying, grain conveying, silo technology, static-safe seed spreading

Features
flame-retardant, permanently antistatic (R < 10⁹ Ohm), hydrolysis & microbe resistant, good flexibility, good oil & petrol resistance

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 1.0



Applications
conveying technology, leaf extraction, conveying of abrasive media, seed conveying, grain conveying, silo technology, static-safe seed spreading

Features
flame-retardant, permanently antistatic (R < 10⁹ Ohm), hydrolysis & microbe resistant, good flexibility, very smooth inside, corrugated outside

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 1.4



Applications
conveying of abrasive media, leaf extraction, grass extraction, seed conveying, grain conveying, silo technology, static-safe seed spreading, harvesting

Features
flame-retardant, permanently antistatic (R < 10⁹ Ohm), hydrolysis & microbe resistant, good flexibility, very smooth inside, corrugated outside

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

SMARTFLEX® 2.0



Applications
silo technology, conveying of abrasive media, gravel conveying, silo vehicles, animal feed conveying

Features
flame-retardant, permanently antistatic (R < 10⁹ Ohm), hydrolysis & microbe resistant, very smooth inside, corrugated outside

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

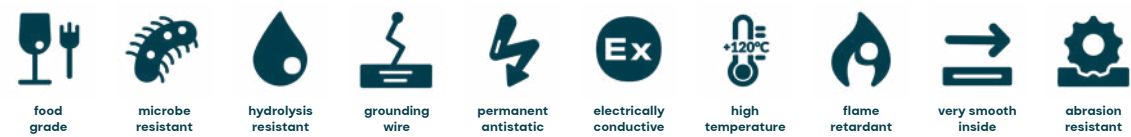
Temperature
-40°C up to 100°C, short term up to 125°C

Biogas, Air Handling & Ventilation Systems

Safe and efficient gas and fluid transfer is critical across bio-energy production, facility operations, and machinery environmental control. Our versatile range of specialized hoses covers the complete operational spectrum—beginning with heavy-duty slurry feeding, bio-substrate transfer, and digester intake systems. For biogas processing, we provide gas-tight, temperature-resistant hoses designed for air support, sulfur management, and generator

exhaust routing. Expanding into air handling, our portfolio extends to high-flexibility ducting engineered for facility and barn aeration, as well as engine air intakes and driver cabin HVAC ventilation. Formulated to withstand aggressive bio-media, UV exposure, and continuous mechanical flexing, our solutions ensure long-term operational safety across every application.

Icon Legend



From Substrate Transfer to Cabin Comfort

Engineered for exceptional chemical, hydrolysis, and temperature resistance—delivering seamless, reliable performance from heavy digester slurry feeding to precision cabin HVAC ducting.



Feeding & Transferring Slurry

SPEARFLEXX OFR Nordic



Applications
waste water, waste disposal vehicles, liquid manure spreading, suction vehicles & dredgers, biogas plants

Features
very high vacuum resistance, very good flexibility, very good low-temperature flexibility, smooth inside, corrugated outside,

Construction
soft PVC, opaque, plastic spiral / rigid PVC

Temperature
-40°C up to 40°C

APDatec 142



Applications
liquid manure spreading, waste water, water drain, sewage treatment plants, agriculture, biogas plants, liquid manure supply

Features
very good flexibility, crush-resistant, very high vacuum resistance, high pressure resistance, with external abrasion protection spiral, very smooth inside, corrugated outside

Construction
soft PVC, blue, opaque, plastic spiral / rigid PVC

Temperature
-25°C up to 60°C

Air Support & Exhaust

FLEXADUX® P2 HL



Applications
air extraction, biogas plants

Features
good flexibility, very good low-temperature flexibility, very good chemical resistance, flame-retardant, permanently antistatic ($R \leq 10^8$ Ohm)

Construction
PVC coated polyester fabric, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 80°C

SMARTFLEX® O.4



Applications
air extraction, air supply, greenhouse ventilation, ventilation, biogas plants

Features
flame-retardant, permanently antistatic ($R < 10^8$ Ohm), hydrolysis & microbe resistant, excellent flexibility, good oil & petrol resistance

Construction
Polyether-Polyurethane, transparent, steel wire / spring steel wire / not coated / copper plated

Temperature
-40°C up to 100°C, short term up to 125°C

Ventilation Systems

FLEXADUX® P2 A 1000



Applications
drying, air extraction, ventilation, air supply, greenhouse ventilation, animal stables

Features
excellent flexibility, good temperature resistance, good low-temperature flexibility, excellent axial compressibility, particularly small bending radius ($r < d$), flame-retardant, self-extinguishing

Construction
PVC coated polyester fabric, grey / silver grey (similar RAL 7001), opaque, steel wire / spring steel wire / not coated / copper plated

Temperature
-30°C up to 80°C, short term up to 100°C

FLEXADUX® P1 N



Applications
air extraction, ventilation, air supply, biogas plants, animal stables, sprayers

Features
light weight, very good flexibility, smooth inside, corrugated outside, good chemical resistance

Construction
soft PVC, grey / silver grey (similar RAL 7001), opaque, steel wire / spring steel wire / coated / PVC

Temperature
0°C up to 70°C

VACUFLEX® K1H



Applications
air supply, sprayers, greenhouse ventilation

Features
light weight, good flexibility, good chemical resistance, hydrolysis & microbe resistant, ultra light & extremely flexible, good mechanical strength

Construction
PVC, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PVC

Temperature
-10°C up to 70°C

VACUFLEX® K1H TPR



Applications
drying, compressors, air extraction, air conditioning & HVAC, high temperature applications, vehicle construction, ventilation, engine construction, filter systems, biogas plants

Features
light weight, very good flexibility, good temperature resistance, good chemical resistance, good ozone- & UV-resistance, hydrolysis & microbe resistant, weather proof, rot proof

Construction
TPR, black, opaque, steel wire / spring steel wire / coated / PP

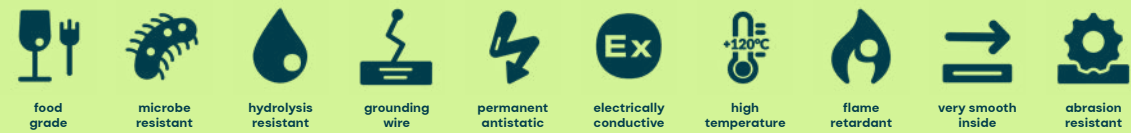
Temperature
-40°C up to 135°C, short term up to 150°C

Milk Farms & Wineries

Uncompromising hygiene and regulatory compliance are essential when handling sensitive agricultural products. Certified under EU 10/2011 food-contact standards, our specialized hoses ensure pure, taste-neutral, and phthalate-free liquid conveyance for both dairy and winemaking operations. For livestock farms, our range covers flexible

milking lines, parlor transfer, and bulk tanker collection. For wineries, we supply heavy-duty, kink-resistant suction and discharge hoses engineered for gentle grape must transfer, pump-over operations, and wine filtration—delivering total media purity and reliable service.

Icon Legend



Certified EU 10/2011 Food-Grade Quality

Phthalate-free, taste-neutral construction engineered for maximum hygiene, smooth media flow, and easy cleaning—from milking parlors and milk collection to winery transfer and filtration.



APDatec 823 Lactoflex



Applications
beverage production & conveying, milk- & cheese production

Features
good flexibility, weather proof, hydrolysis & microbe resistant, crush-resistant, high pressure resistance, smooth outside, very smooth inside

Construction
soft PVC, transparent, cross braid

Temperature
-25°C up to 60°C

REDSPIR LS SAF



Applications
wine production & -conveying, beverage production & conveying, food production & -conveying, milk- & cheese production

Features
medium weight, high vacuum resistance, very smooth inside, smooth outside, phthalate-free

Construction
soft PVC, uncolored, transparent, plastic spiral / rigid PVC

Temperature
-25°C up to 50°C

REDSPIR STANDARD



Applications
wine production & -conveying, beverage production & conveying, food production & -conveying, milk- & cheese production

Features
very good flexibility, very good low-temperature flexibility, high vacuum resistance, smooth outside, very smooth inside, hydrolysis & microbe resistant, weather proof

Construction
soft PVC, uncolored, transparent, plastic spiral / rigid PVC

Temperature
-25°C up to 50°C

REDSPIR SUPER SPH



Applications
wine production & -conveying, beverage production & conveying, food production & -conveying, milk- & cheese production

Features
heavy-duty, very good low-temperature flexibility, high vacuum resistance, very smooth inside, smooth outside, phthalate-free

Construction
soft PVC, uncolored, transparent, plastic spiral / rigid PVC

Temperature
-25°C up to 50°C

FLEXACIER® STD 27



Applications
beverage production & conveying, food production & -conveying, irrigation, agriculture, seed conveying, liquid manure spreading

Features
good flexibility, crush-resistant, very high vacuum resistance, smooth outside, smooth inside, phthalate-free

Construction
PVC, uncolored, transparent, steel wire / iron wire / not coated / galvanized

Temperature
-20°C up to 65°C

FLEXACIER® Super 276



Applications
wine production & -conveying, food production & -conveying, liquid manure spreading

Features
good flexibility, A, B, C, D1, crush-resistant, very high vacuum resistance, high pressure resistance, smooth outside, very smooth inside

Construction
soft PVC, uncolored, transparent, steel wire / spring steel wire / coated / PVC

Temperature
-40°C up to 60°C

Multipurpose & Utility Hoses

Versatile utility lines are essential tools for daily agricultural maintenance and water management. Our multipurpose hoses offer farmers a durable, all-in-one solution for various day-to-day applications—including

field watering, site dewatering, equipment washdown, and high-pressure cleaning. Engineered for high flexibility and kink resistance, they withstand daily wear, abrasion, and harsh weather to keep your operations running smoothly.

Icon Legend



food grade



microbe resistant



hydrolysis resistant



grounding wire



permanent antistatic



electrically conductive



high temperature



flame retardant



very smooth inside



abrasion resistant

APDatec 10



Applications
pump technology, waste water, irrigation, agriculture

Features
good flexibility, high vacuum resistance, corrugated outside, very smooth inside, hydrolysis & microbe resistant, good ozone- & UV-resistance, weather proof, phthalate-free

Construction
soft PVC, green, transparent, plastic spiral / rigid PVC

Temperature
-5°C up to 60°C

APDatec 12



Applications
feed conveying, seed conveying, grain conveying, animal stables, silo technology, food production & -conveying, irrigation, agriculture, silo vehicles

Features
good flexibility, smooth inside, corrugated outside, weather proof, phthalate-free

Construction
soft PVC, uncolored, transparent, plastic spiral / rigid PVC

Temperature
-5°C up to 60°C

APDatec 81



Applications
compressed air, water drain, food production & -conveying, water cooling, air & cooling technology, irrigation

Features
good flexibility, good tensile strength, ultimate elongation, crush-resistant, high pressure resistance, very smooth inside, smooth outside, phthalate-free

Construction
soft PVC, uncolored, transparent, cross braid

Temperature
-20°C up to 65°C

APDatec 840

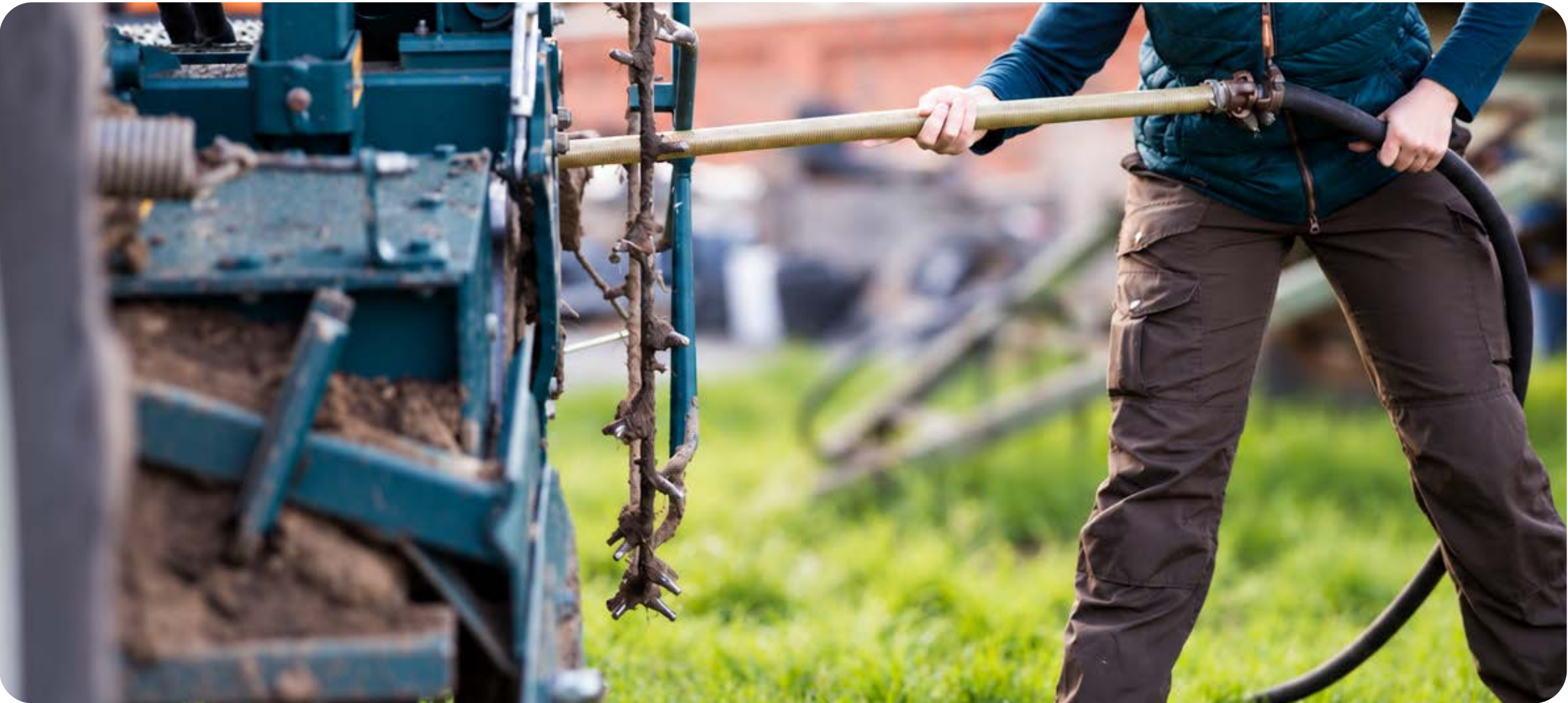


Applications
sprayers, pesticides, beverage production & conveying, water drain, food production & -conveying

Features
good flexibility, good chemical resistance, phthalate-free

Construction
soft PVC, uncolored, transparent

Temperature
-20°C up to 65°C



OnePressGermany 257



Applications
compressed air, compressors, construction machines, pneumatics, automation technology & robotics, sandblasting

Features
very high pressure resistance, crush-resistant, very good abrasion resistance, very smooth inside, smooth outside, good oil & petrol resistance

Construction
SBR, black, opaque

Temperature
-20°C up to 100°C

OnePressGermany 258



Applications
irrigation, agriculture, compressed air

Features
very high pressure resistance, crush-resistant, very good abrasion resistance, very smooth inside, smooth outside, good oil & petrol resistance

Construction
SBR, yellow, opaque

Temperature
-20°C up to 100°C

All-Around Utility for Daily Farm Operations

Highly flexible, kink-resistant, and weather-proof construction engineered for watering, dewatering, and high-pressure cleaning across any farm.

Connections & Accessories

Reliable fluid and material handling requires secure, leak-free connections between hoses and machinery. We provide a comprehensive range of high-quality fittings, heavy-duty clamps, specialized connection cuffs, ball valves, and IBC container adapters—available directly from stock for rapid delivery. Beyond standard components, we offer custom-engineered, factory-fitted assemblies, including over-molded cuffs and factory-primed couplings, delivering complete, ready-to-install hose systems tailored to your exact equipment specifications.

Accessories

Water Hose Accessories



Large selection of couplings and clamps, fittings, connectors, water guns and accessories to connect hoses to your systems.

Protection Spirals



Protection spirals against abrasion, for bundling of cables, hydraulic and other sensitive hoses.

Customised Solutions



Customised solutions can be provided with overmoulded or screwed on cuffs for direct fitting of the hoses on the machinery.

IBC Containers



IBC Containers of 1000 Liters for rain collection, on wooden or steel pallet.

Professional Quick Type Couplings

For a quick and efficient connection without twisting and screwing and the avoidance of damage to threads caused by overtightening.



Storz Couplings

Bauer Couplings

Italian / Rotula Couplings

IBC Container Accessories



Screw Cuffs



Hinge Bolt Clamp



Bridge Clamp



Wire Hose Clamp





Some of our images have been edited using AI. If you have any questions about our image database, please email us at marketing@ocono.com.

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