

Thermoplastic Industrial Hoses



Borserini provides thermoplastic hose solutions for a wide range of industrial applications, combining an extensive product portfolio with technical expertise and application-focused support.

Serving industries from Rail, Aerospace and Defence to Process, Energy, HVAC, Marine, Mobile Equipment and Industrial Manufacturing, we help identify the right solution for each specific operating requirement.

Partner: Ocono
VACUFLEX

			
	PU 600 MHR ECO	**PU 600 FR MHR ECO**	**PU 600 IND ECO**
	Light weight and very flexible spiral hose made of Polyether-Polyurethane.	Lightweight and highly flexible flame-retardant spiral hose made of polyether polyurethane.	Light weight and very flexible spiral hose made of polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Agriculture & Aquaculture, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Vehicles (land, air, water), Air conditioning, Ventilation & Extraction, Mechanical & Plant engineering, Wood & Timber.	Vehicles (land, air, water), Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.
INNER DIAMETER (MM)	25 - 400	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Liquids, dust air & gas	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	PU 900 IND ECO	**PU 900 MHR**	**PU 900 MHR ECO**
	Medium weight and flexible Polyurethane hose.	Medium weight and flexible spiral hose made of Polyether-Polyurethane.	Medium weight and flexible spiral hose made of Polyether-Polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Compressed air & pneumatics, Energy & Waste, Wood & Timber.	Cleaning ,Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Agriculture & Aquaculture, Construction, Chemicals, Wood & Timber.	Cleaning Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Agriculture & Aquaculture, Construction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.
INNER DIAMETER (MM)	25 - 400	32 - 350	25 - 400
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10	10, 15, 20	10, 15, 20

			
	PU 400 IND ECO	**PU 400 FR MHR ECO**	**PU 400 MHR ECO**
	Very light weight and flexible Polyurethane hose.	Lightweight and highly flexible flame-retardant spiral hose made of polyether polyurethane.	Light weight and highly flexible spiral hose made of Polyether-Polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Cleaning Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Compressed air & pneumatics, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.
INNER DIAMETER (MM)	32 - 400	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	15	10, 15, 20	15

			
	PU 400 E ECO	**K1Z-L PU MHR**	**K1Z-L PU MHR ECO**
	Very light weight and flexible Polyurethane hose.	Lightweight and highly flexible spiral hose made of polyester-polyurethane.	Lightweight and highly flexible spiral hose made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Cleaning ,Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.	Microbe resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, discharge capability if spiral - strand is grounded, ECO-friendly, abrasion resistant.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-LC PU MHR	**K1Z-LC PU MHR ECO**	**K1Z-LE PU IND**
	Lightweight and highly flexible spiral hose made of polyester-polyurethane.	Lightweight and highly flexible spiral hose made of polyester-polyurethane.	Lightweight and highly flexible spiral hose made of polyester-polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Discharge capability if spiral - strand is grounded, ECO-friendly.	Discharge capability if spiral - strand is grounded.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-LE PU IND ECO	**K1Z-M PU MHR**	**K1Z-M PU MHR ECO**
	Lightweight and highly flexible spiral hose made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded.	Microbe resistant, hydrolysis resistant, abrasion resistant, discharge capability if spiral - strand is grounded.	Microbe resistant, hydrolysis resistant, abrasion resistant, discharge capability if spiral - strand is grounded, ECO-friendly.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-MC PU MHR	**K1Z-MC PU MHR ECO**	**K1Z-ME PU IND**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, abrasion resistant, discharge capability if spiral - strand is grounded.	Microbe resistant, hydrolysis resistant, abrasion resistant, discharge capability if spiral - strand is grounded, ECO-friendly.	Discharge capability if spiral - strand is grounded.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-ME PU IND ECO	**K1Z-MSC PU MHR**	**K1Z-MSC PU MHR ECO**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded, ECO-friendly.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-MSE PU IND	**K1Z-MSE PU IND ECO**	**K1Z-S PU MHR**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded.	Discharge capability if spiral - strand is grounded, ECO-friendly.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-S PU MHR ECO	**K1Z-SC PU MHR**	**K1Z-SC PU MHR ECO**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / coated / PVC.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.
INNER DIAMETER (MM)	32 - 350	35 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-SE PU IND	**K1Z-SE PU IND ECO**	**K1Z-SSC PU MHR**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded.	Discharge capability if spiral - strand is grounded, ECO-friendly.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-SSC PU MHR ECO	**K1Z-SSE PU IND**	**K1Z-SSE PU IND ECO**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.	Discharge capability if spiral - strand is grounded.	Discharge capability if spiral - strand is grounded, ECO-friendly.
INNER DIAMETER (MM)	32 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-XSC PU MHR	**K1Z-XSC PU MHR ECO**	**K1Z-XSE PU IND**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.	Discharge capability if spiral - strand is grounded.
INNER DIAMETER (MM)	35 - 200	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-XSE PU IND ECO	**K1Z-XSSC PU MHR**	**K1Z-XSSC PU MHR ECO**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.	Cleaning, Air conditioning, Ventilation & Extraction, Chemicals, Wood & Timber.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded, ECO-friendly.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant.	Microbe resistant, hydrolysis resistant, discharge capability if spiral - strand is grounded, abrasion resistant, ECO-friendly.
INNER DIAMETER (MM)	35 - 350	32 - 350	32 - 350
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Dust, air & gas, solids
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1Z-XSSE PU IND	**K1Z-XSSE PU IND ECO**	**K1H PU MHR**
	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Flexible spiral hose with a smooth inner surface, made of polyester-polyurethane.	Light weight and flexible hose made of Polyurethane.
CONSTRUCTION	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyester-Polyurethane, uncolored, transparent, steel wire / spring steel wire / not coated / copper plated.	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU.
INDUSTRIES	Compressed air & pneumatics, Wood & Timber.	Compressed air & pneumatics, Wood & Timber.	Cleaning, Vehicles (land, air, water), Compressed air & pneumatics, Air conditioning, Ventilation & Extraction, Construction.
SPECIAL PROPERTIES	Discharge capability if spiral - strand is grounded.	Discharge capability if spiral - strand is grounded, ECO-friendly.	Microbe resistant, hydrolysis resistant, abrasion resistant.
INNER DIAMETER (MM)	32 - 350	32 - 350	10 - 300
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C	-40°C up to 90°C, short term up to 125°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas, solids	Dust, air & gas, solids	Liquids, dust air & gas
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	10, 15, 20

			
	K1H-L PU MHR	**KA-GH PU MHR**	**KD-STRETCH PU MHR**
	Lightweight and highly flexible hose made of polyether polyurethane.	Double-walled, flexible polyurethane hose.	Highly flexible Polyurethane hose with PU-coated spring steel wire.
CONSTRUCTION	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU.	Polyether-Polyurethane, grey / light grey (similar RAL 7035), opaque, plastic spiral / rigid PVC.	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PU.
INDUSTRIES	Cleaning, Vehicles (land, air, water), Air conditioning, Ventilation & Extraction, Mechanical & Plant engineering.	Medicine & Dental.	Cleaning, Vehicles (land, air, water).
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant.	Microbe resistant, hydrolysis resistant, abrasion resistant, very smooth inside	Microbe resistant, hydrolysis resistant, abrasion resistant.
INNER DIAMETER (MM)	32 - 102	8 - 25	32 - 35
TEMPERATURE RANGE	-40°C up to 90°C, short term up to 125°C	-10°C up to 60°C	-40°C up to 90°C, short term up to 110°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas	Liquids, dust, air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	10, 15	10	

	VC1 PU MHR	VC1-STRETCH PU MHR	VC2 PU MHR
			
	Smooth, solid plastic tube made of polyether polyurethane.	All-plastic stretch hose, with a wall made of soft polyether polyurethane.	Very smooth inside full plastic hose made of Polyurethane.
CONSTRUCTION	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, plastic spiral / rigid PVC.	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, plastic spiral / rigid PVC.	Polyether-Polyurethane, black / jet black (similar RAL 9005), opaque, plastic spiral / rigid PVC.
INDUSTRIES	Cleaning, Medicine & Dental, Air conditioning, Ventilation & Extraction, Mechanical & Plant engineering.	Personal protective equipment.	Plastics cleaning, Energy & Waste, Medicine & Dental.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, abrasion resistant, very smooth inside.	Microbe resistant, hydrolysis resistant, abrasion resistant.	Microbe resistant, hydrolysis resistant, abrasion resistant, very smooth inside.
INNER DIAMETER (MM)	10 - 50	22 - 50	10 - 60
TEMPERATURE RANGE	-20°C up to 60°C	-20°C up to 60°C	-30°C up to 90°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Liquids	Air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	10		10

			
	VSM	**VSM AS**	**VSM-H**
	Very smooth inside profile hose made of modified TPO.	Very smooth inside profile hose made of antistatic modified TPO.	Very smooth inside profile hose made of PE.
CONSTRUCTION	TPO, grey / squirrel grey (similar RAL 7000), opaque, profile helix / solid profile helix.	TPO, black, opaque, profile helix / solid profile helix.	TPE/E, black / jet black (similar RAL 9005), opaque, profile helix / solid profile helix.
INDUSTRIES	Cleaning, Compressed air & pneumatics, Energy & Waste, Pool & Pond, Medicine & Dental, Agriculture & Aquaculture, Wood & Timber.	Cleaning, Energy & Waste, Construction Wood & Timber.	Cleaning, Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Chemicals.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, very smooth inside.	Microbe resistant, hydrolysis resistant, very smooth inside, permanently antistatic.	Microbe resistant, high temperature, very smooth inside, abrasion resistant.
INNER DIAMETER (MM)	13 - 80	20 - 80	25 - 80
TEMPERATURE RANGE	-50°C up to 60°C	-50°C up to 60°C	-60°C up to 120°C, short term up to 150°C
HOSE CONSTRUCTION	Profile hose	Spiral hose / profile hose	Spiral hose / profile hose
MEDIUM	Liquids, dust, air & gas	Liquids, dust, air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	15, 25, 30	15, 25, 30	10, 15, 20

			
	VSM-HX	**VSM-EL**	**VSM-S01**
	Smooth-bore, solid-wall plastic hose with very low flow resistance, made from modified TPO.	Very smooth internal profile hose made of electrically conductive modified TPO.	Very smooth inside profile hose made of modified TPO.
CONSTRUCTION	TPO, black / jet black (similar RAL 9005), opaque, profile helix / solid profile helix.	TPO, black / jet black (similar RAL 9005), opaque, profile helix / solid profile helix.	TPO, black / grey aluminium (similar RAL 9007), profile helix / solid profile helix.
INDUSTRIES	Cleaning, Vehicles (land, air, water), Compressed air & pneumatics, Mechanical & Plant engineering, Wood & Timber.	Plastics, Cleaning, Construction, Chemicals, Wood & Timber.	Cleaning, Compressed air & pneumatics, Agriculture & Aquaculture, Wood & Timber.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, high temperature, very smooth inside.	Microbe resistant, hydrolysis resistant, very smooth inside, electrically conductive.	Microbe resistant, hydrolysis resistant, very smooth inside.
INNER DIAMETER (MM)	25 - 50	25 - 76	25 - 80
TEMPERATURE RANGE	-60°C up to 180°C, short term up to 250°C	-50°C up to 60°C	-50°C up to 60°C
HOSE CONSTRUCTION	Spiral hose / profile hose	Spiral hose / profile hose	Spiral hose / profile hose
MEDIUM	Liquids, dust, air & gas	Liquids, dust, air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	25	15, 25, 30	10, 25, 30

			
	VSM-SO2	**VSM-L-SO2**	**VSM-POOL**
	Very smooth internal profile hose with very low flow resistance.	Very lightweight, smooth-bore, solid-wall plastic hose with very low flow resistance.	Smooth-bore, solid plastic hose with very low flow resistance.
CONSTRUCTION	TPO, black, opaque, profile helix / solid profile helix.	TPO, black / jet black (similar RAL 9005), opaque, profile helix / solid profile helix.	TPO, uncolored, translucent, profile helix / solid profile helix.
INDUSTRIES	Cleaning, Compressed air & pneumatics, Energy & Waste, Pool & Pond, Agriculture & Aquaculture, Wood & Timber.	Cleaning, Pool & Pond, Agriculture & Aquaculture, Air conditioning, Ventilation & Extraction, Mechanical & Plant engineering.	Cleaning, Energy & Waste, Pool & Pond, Air conditioning, Ventilation & Extraction.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, very smooth inside, ECO-friendly.	Microbe resistant, hydrolysis resistant, very smooth inside, ECO-friendly.	Microbe resistant, hydrolysis resistant, very smooth inside.
INNER DIAMETER (MM)	25 - 80	27 - 50	32 - 51
TEMPERATURE RANGE	-50°C up to 60°C	-50°C up to 60°C	-50°C up to 60°C
HOSE CONSTRUCTION	Spiral hose / profile hose	Spiral hose / profile hose	Spiral hose / profile hose
MEDIUM	Liquids, dust, air & gas	Liquids, dust, air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	10, 25, 30	10, 25, 30	15, 30

			
	K1H	**K1H-ST**	**KD-STRETCH PVC**
	Light weight and flexible hose made of PVC.	Lightweight and flexible PVC hose.	Highly flexible Polyurethane hose with PU-coated spring steel wire.
CONSTRUCTION	PVC, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PVC	PVC, black / grey aluminium (similar RAL 9007), opaque, steel wire / spring steel wire / coated / PVC	soft PVC, black / jet black (similar RAL 9005), opaque, steel wire / spring steel wire / coated / PVC.
INDUSTRIES	Compressed air & pneumatics, Energy & Waste, Air conditioning, Ventilation & Extraction.	Cleaning Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Medicine & Dental, Agriculture & Aquaculture, Construction.	Cleaning, Vehicles (land, air, water), Air conditioning, Ventilation & Extraction, Mechanical & Plant engineering.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant.	Microbe resistant, hydrolysis resistant.	Microbe resistant, hydrolysis resistant.
INNER DIAMETER (MM)	10 - 203	10 - 250	25 - 51
TEMPERATURE RANGE	-10°C up to 70°C	-10°C up to 70°C	-10°C up to 70°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Liquids, dust, air & gas	Liquids, dust, air & gas	Liquids, dust, air & gas
SINGLE LENGTHS (M)	10, 15, 20	10, 15, 20	

			
	KA-GH PVC	**VAT-Elastic**	**VC2 TPR**
	Double-walled, flexible soft PVC hose.	Highly flexible PVC hose with coated spring steel wire.	Light weight and highly flexible hose made of TPR, crush resistant.
CONSTRUCTION	PVC, grey / light grey (similar RAL 7035), opaque, plastic spiral / rigid PVC.	PVC, black, opaque, steel wire / spring steel wire / coated / PVC.	TPR, black / jet black (similar RAL 9005), opaque, plastic spiral / PP.
INDUSTRIES	Medicine & Dental.	Cleaning Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Medicine & Dental, Agriculture & Aquaculture, Construction.	Vehicles (land, air, water), Compressed air & pneumatics, Air conditioning, Ventilation & Extraction.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, very smooth inside.	Microbe resistant, hydrolysis resistant, very smooth inside, discharge capability if spiral - strand is grounded.	Microbe resistant, hydrolysis resistant, very smooth inside.
INNER DIAMETER (MM)	8 - 25	25 - 160	8 - 42
TEMPERATURE RANGE	-5°C up to 60°C	-10°C up to 70°C, short term up to 90°C	-40°C up to 100°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Liquids, dust, air & gas	Liquids, dust, air & gas	Liquids, dust air & gas.
SINGLE LENGTHS (M)	10	15	10

			
	K1H TPR	**K1H-XS TPR UL**	**K1H-XS TPR V0**
	Light weight and highly flexible TPR hose.	Very flexible TPR hose, listed according UL fire protection standard.	Highly flexible, flame-retardant hose according to UL 94 V-0.
CONSTRUCTION	TPR, black, opaque, steel wire / spring steel wire / coated / PP.	TPR, black, opaque, steel wire / spring steel wire / coated / PP.	TPR, black, opaque, steel wire / spring steel wire / coated / PP.
INDUSTRIES	Plastics, Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Air conditioning, Ventilation & Extraction.	Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Medicine & Dental, Air conditioning, Ventilation & Extraction.	Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste, Medicine & Dental, Air conditioning, Ventilation & Extraction.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, high temperature, flame-retardant.	Microbe resistant, hydrolysis resistant, high temperature, flame-retardant.	Microbe resistant, hydrolysis resistant, high temperature, flame-retardant.
INNER DIAMETER (MM)	10 - 400	18 - 300	18 - 306
TEMPERATURE RANGE	-40°C up to 135°C, short term up to 150°C	-40°C up to 135°C, short term up to 150°C	-40°C up to 135°C, short term up to 150°C
HOSE CONSTRUCTION	Spiral hose	Spiral hose	Spiral hose
MEDIUM	Dust, air & gas	Dust, air & gas	Dust, air & gas
SINGLE LENGTHS (M)	10, 20	10	10



TPR 600

Light weight and highly flexible TPR hose.

CONSTRUCTION	TPR, black, opaque, steel wire / spring steel wire / not coated / copper plated.
INDUSTRIES	Vehicles (land, air, water), Compressed air & pneumatics, Energy & Waste Air conditioning, Ventilation & Extraction Chemicals.
SPECIAL PROPERTIES	Microbe resistant, hydrolysis resistant, high temperature, discharge capability if spiral - strand is grounded.
INNER DIAMETER (MM)	25 - 350
TEMPERATURE RANGE	-40°C up to 135°C, short term up to 150°C
HOSE CONSTRUCTION	Spiral hose
MEDIUM	Dust, air & gas solids
SINGLE LENGTHS (M)	10, 15, 20

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