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









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Industrial hoses

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<p>VZ</p>	<p><b>VULCANO® Z</b></p>   <p>∅ mm 40-500</p>	 <p>+90° C -40° C</p>	<p><b>Transparent ester based TPU hose reinforced with a zinc coloured steel spiral.</b> Wall thickness from 0,35 to 0,50 mm. Very flexible and axially compressible (about 5:1). Woodworking industry, dedusting, small industrial cleaning and light suction plants. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>ZR</p>	<p><b>VULCANO® ZR</b></p>   <p>∅ mm 40-500</p>	 <p>+90° C -40° C</p>	<p><b>Transparent ester based TPU hose reinforced with a copper coloured steel spiral.</b> Wall thickness from 0,35 to 0,50 mm. Very flexible and axially compressible (about 5:1). Woodworking industry, dedusting, small industrial cleaning and light suction plants. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>W4</p>	<p><b>VULCANO® S1</b></p>   <p>∅ mm 25-500</p>	 <p>+90° C -40° C</p>	<p><b>Transparent ester based TPU hose reinforced with a copper coloured steel spiral.</b> Constant wall thickness 0,4 mm for all the diameters. Very flexible and axially compressible (about 5:1). Woodworking industry, dedusting, small industrial cleaning and light suction plants. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>VM FR</p>	<p><b>VULCANO® M FR</b></p>   <p>∅ mm 25-450</p>	 <p>+90° C -40° C</p>	<p><b>Translucent ester based TPU hose reinforced with copper colored TPU coated steel spiral.</b> Wall thickness from 0,4 mm to 0,75 mm. Maximum flexibility, high compressibility (about 5:1). Suction of wood shavings, pellets, granulates, sawdust, abrasive powders and everywhere very high flexibility is required. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>VR FR</p>	<p><b>VULCANO® R FR</b></p>   <p>∅ mm 25-500</p>	 <p>+90° C -40° C</p>	<p><b>Transparent ester based TPU hose reinforced with copper colored TPU coated steel spiral.</b> Wall thickness from 0,4 mm to 0,75 mm. Suction of wood shavings, pellets, granulates, sawdust, abrasive powders and everywhere very high flexibility is required. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>VB</p>	<p><b>VULCANO® 09 EST</b></p>   <p>∅ mm 20-500</p>	 <p>+90° C -40° C Peaks +125°C</p>	<p><b>Translucent ester based TPU hose reinforced with a TPU coated copper colored steel spiral.</b> Constant wall thickness of 0,9 mm for the whole diameter range. Suction of wood shavings, pellets, granulates, sawdust and abrasive powders in the woodworking and ceramic industries. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>VC</p>	<p><b>VULCANO® 15 EST</b></p>   <p>∅ mm 20-500</p>	 <p>+90° C -40° C Peaks +125°C</p>	<p><b>Translucent ester based TPU hose reinforced with a TPU coated copper colored steel spiral.</b> Constant wall thickness of 1,5 mm for the whole diameter range. Suction of wood shavings, pellets, granulates, sawdust, highly abrasive powders gravel, in the woodworking and plastic industries and for printing machines. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>TH 01</p>	<p><b>VULCANO® STONE</b></p>   <p>∅ mm 38-254</p>	 <p>+90° C -40° C Peaks +125°C</p>	<p><b>Translucent antimicrobial ester based TPU hose, reinforced with TPU coated copper coloured steel spiral.</b> Constant wall thickness of 2,0 mm throughout the whole diameter range. Suction of extremely abrasive media. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>TH 07</p>	<p><b>VULCANO® STONE PLUS</b></p>   <p>∅ mm 40-254</p>	 <p>+90° C -40° C Peaks +125°C</p>	<p><b>Translucent antimicrobial ester based TPU hose, reinforced with TPU coated copper coloured steel spiral.</b> Constant wall thickness of 2,5 mm throughout the whole diameter range. Suction of extremely abrasive media. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>N7 N9 N5</p>	<p><b>NEXT 07 - 09 - 15</b></p>   <p>∅ mm 50,8-203 / ∅ mm 25,4-305 / ∅ mm 40-203</p>	 <p>+90° C -40° C NEXT 09 / NEXT 15 - Peaks +125°C</p>	<p><b>Translucent ester based TPU hose reinforced with a TPU coated copper coloured steel spiral;</b> wall material permanent antistatic (<math>R &lt; 10^9</math> Ohm/m). Constant wall thickness of 0,7/0,9/1,5 mm through all the diameter range. Totally smooth inside. Suction of wood shavings, fumes, abrasive powders. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
<p>OU</p>	<p><b>EOLO PU EST</b></p>   <p>∅ mm 13-300</p>	 <p>+80° C -40° C</p>	<p><b>Transparent ester based TPU hose, reinforced with an anti-shock rigid PVC spiral.</b> Excellent abrasion resistance. Wall thickness from 0,4 mm to 0,8 mm. Suction of abrasive media such as powders, pellets, granulates and wood chips. AS version with copper wire available on request (cod. OU 02).</p>
<p>OU 86</p>	<p><b>EOLO PU EST ASW</b></p>   <p>∅ mm 13-300</p>	 <p>+80° C -40° C</p>	<p><b>Transparent ester based TPU hose, reinforced with an anti-shock rigid PVC spiral.</b> Wall material permanent antistatic (<math>R &lt; 10^9</math> Ohm/m). Excellent abrasion and flexion resistance. Suction of abrasive media such as powders, pellets, granulates and wood chips. AS version with copper wire available on request (cod. OU 87).</p>



<p><b>OP</b></p> 	<p><b>EOLO PUP EST</b></p>  <p>∅ mm 30-254</p> 	<p><b>Transparent ester based TPU hose, reinforced with an anti-shock rigid PVC spiral.</b> Excellent abrasion and flexion resistance. Wall thickness from 0,8 mm to 1,0 mm. Suction of abrasive media such as powders, pellets, granulates and wood chips. AS version with copper wire available on request (cod. OP 02).</p>  <p>+80° C -40° C</p>
<p><b>EB EC</b></p> 	<p><b>VULCANO® 09 - 15 EL</b></p>  <p>∅ mm 38-203</p> 	<p><b>Black ester based TPU hose, reinforced with TPU coated high adhesion steel spiral.</b> Raw material with permanent electrical conductive features (R&lt;10<sup>4</sup> Ohm/m); Constant wall thickness of 0,9/1,5 mm through all the diameter range. Suitable for all those areas where electrical conductivity is demanded, according to ATEX requirements, suction of sawdust, wood chips, fumes and abrasive powders.</p>  <p>+90° C -40° C Peaks +125°C</p>
<p><b>UR</b></p> 	<p><b>URANO PU</b></p>  <p>∅ mm 31,8-152</p> 	<p><b>Grey PVC-P hose with a completely antiabrasive TPU liner, reinforced with an anti-shock rigid PVC spiral.</b> Suction and discharge of abrasive liquids (slurry, sand, cement, gravel). AS version with a brassed steel wire inside the plastic wall available on request (cod. UH 02), commonly used for the trasport of pellets.</p>  <p>+60° C -25° C</p>
<p><b>UH</b></p> 	<p><b>URANO HD SUPER</b></p>  <p>∅ mm 63,5-152</p> 	<p><b>Blue PVC-P hose with a completely antiabrasive TPU liner, reinforced with an anti-shock rigid PVC spiral.</b> Suction and discharge of abrasive liquids (slurry, sand, cement, gravel). AS version with a brassed steel wire inside the plastic wall available on request (cod. UH 02).</p>  <p>+60° C -25° C</p>
<p><b>AU</b></p> 	<p><b>ARIANNA PU</b></p>  <p>∅ mm 6x10-13x19</p> 	<p><b>TPU hose with high tenacity Polyester yarn reinforcement.</b> Compressed air, pneumatic tools and cooling lines, spray and painting guns, sandblast and abrasion resistant applications in general.</p>  <p>+80° C -40° C</p>





## Air, Fumes and Gases



























<p><b>ES</b></p> 	<p><b>EOLO SL</b></p>  <p>∅ mm 25-203,2</p> 	<p><b>Light blue plasticized PVC duct with anti-shock rigid PVC spiral.</b> The lightest and most flexible of the range. Suction of air, fumes, gas. Conditioning and industrial ventilation systems.</p>  <p>+50° C -10° C</p>
<p><b>EL</b></p> 	<p><b>EOLO L</b></p>  <p>∅ mm 25-300</p> 	<p><b>Dark grey plasticized PVC duct with anti-shock rigid PVC spiral.</b> Aerating and conditioning plants, woodworking plants: suction of air, fumes, gases, sawing, dust. AS version with copper wire available on request (cod. EL 02).</p>  <p>+50° C -10° C</p>
<p><b>EO</b></p> 	<p><b>EOLO</b></p>  <p>∅ mm 13-300</p> 	<p><b>Grey plasticized PVC duct with anti-shock rigid PVC spiral.</b> Suction of air, fumes, gas, dust, sawing, wood chips. Industrial conditioning and ventilation systems, dust extraction plants. AS version with copper wire available on request (cod. EO 02).</p>  <p>+50° C -10° C</p>
<p><b>EE</b></p> 	<p><b>EOLO SE</b></p>  <p>∅ mm 16-250</p> 	<p><b>Light blue plasticized PVC duct with anti-shock rigid PVC spiral.</b> Flexible particularly at low temperatures, high mechanical resistance. For industrial and domestic vacuum cleaners, aerating and conditioning plants and suction of fumes and gases. AS version with copper wire available on request (cod. EE 02).</p>  <p>+50° C -25° C</p>

## High Temperatures























<p><b>TR</b></p> 	<p><b>EOLO TERMORESISTENTE</b></p>  <p>∅ mm 45-505</p> 	<p><b>Grey flexible duct made with flame resistant PVC coated polyester fabric and reinforced by steel helix welded between the two layers.</b> The material is flame retardant, according to UL 94 V(TM)-0. Compressible (about 8:1). Civil and naval conditioning plants, ventilation systems, suction of fumes, vapours, powders, gas.</p>  <p>+100° C -20° C Peaks +120°C</p>
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VT	  <p>ø mm 38-406</p>		 <p>+125° C -40° C</p>	<p><b>Black flexible duct made in thermoplastic rubber TPV with a steel spiral reinforcement embedded between the two layers.</b> Suction of hot air and fumes in chemical plants and shipyards. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
H1	  <p>ø mm 40-505</p>		 <p>+180° C -40° C</p>	<p><b>Grey flexible duct made with flame resistant TPU coated polyester fabric and reinforced by steel helix welded between the two layers.</b> Silicon free. The material is flame retardant V(TM)-0 according to UL 94. Civil and naval conditioning plants, ventilation systems, suction of fumes, vapours, powders, gas.</p>
EY	  <p>ø mm 50-900</p>		 <p>+170° C -40° C Peaks +190° C</p>	<p><b>Hypalon® coated PES-fabric with external galvanized steel spiral clipped to the fabric.</b> Suction of chemical vapours and fumes up to 170°C.</p>
H4	  <p>ø mm 50-900</p>		 <p>+400° C -60° C</p>	<p><b>Special coated glass fabric duct reinforced with stainless steel wire galvanized steel clamp profile.</b> Hardly inflammable. Extraction of vapors and exhaust smokes, welding gasses, furnace exhaust, dust and fibres.</p>
H5	  <p>ø mm 50-900</p>		 <p>+450° C -60° C</p>	<p><b>2 ply, special high temperature silicone coated glass fabric outside, raw glass inside, reinforced with an external galvanized steel "Clamp profile".</b> Hardly inflammable. Extraction of vapors and exhaust smokes, welding gasses, furnace exhaust, dust and fibres; aerospace and defence industry.</p>
P435	  <p>ø mm 13-305</p>		 <p>+250° C -70° C Peaks +310° C</p>	<p><b>Flexible hose made of two plies of silicone coated glass fabric, with an embedded bronze plated steel wire helix.</b> Double outer glass cord. Extraction of exhaust gas and welding fumes; industrial ventilation, automotive and plastic industries.</p>

## Flame Retardant



UF 07	  <p>ø mm 25-406</p>		 <p>+90° C -40° C</p>	<p><b>Translucent ether based TPU hose reinforced with a TPU copper coated steel spiral.</b> Wall material permanent antistatic (<math>R &lt; 10^9</math> Ohm/m) and flame retardant, in accordance with UL 94-V0; the hose is as well flame retardant, according to DIN 4102-B1. Constant wall thickness of 0,5 mm. Suction of wood shavings and sawdust, in sawmills and woodworking plants. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
FF	  <p>ø mm 19,1-160</p>		 <p>+80° C -40° C</p>	<p><b>Transparent ester based TPU hose, flame retardant according to UL 94 V2, with ivory anti-shock rigid PVC spiral.</b> Suction of abrasive media such as powders, granulates, wood shavings and dust and where good self-extinguishing properties are required. AS version with copper wire available on request (cod. FF 02).</p>
EF 75	  <p>ø mm 20-300</p>		 <p>+50° C -10° C</p>	<p><b>Green PVC-P hose, reinforced by an anti-shock rigid PVC spiral.</b> The material is flame retardant, according to UL 94 V0. Suction of air, fumes and gas; industrial ventilation systems and air conditioning plants; shipbuilding. AS version with copper wire available on request (cod. EF 76).</p>
U9 01	  <p>ø mm 25-500</p>		 <p>+90° C -40° C Peaks +125° C</p>	<p><b>Translucent ether based TPU hose reinforced with a TPU copper coated steel spiral.</b> Wall material permanent antistatic (<math>R &lt; 10^9</math> Ohm/m) and flame retardant, in compliance with UL 94-V0. The hose is as well flame retardant, according to DIN 4102-B1. Constant wall thickness of 0,9 mm. Suction of wood shavings and sawdust, abrasive powders. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>
VP 04	  <p>ø mm 76-203</p>		 <p>+60° C -10° C</p>	<p><b>Black PVC-P hose, reinforced with a steel spiral.</b> The material is flame retardant, according to UL 94 V0. Constant wall thickness of 0,6 mm. Ventilation and air conditioning systems, fumes and dust extraction, suction of vapours and gases. It can be made conductive (<math>R &lt; 10^2</math> Ohm/m) by grounding the spiral.</p>


































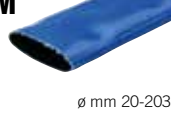


<b>PK</b>	<b>PLUTONE PK</b>  Ø mm 14x22-102x118	 	 +80° C -30° C	<b>White/beige TPV inline and greenTPV cover, reinforced with steel spiral and polyester yarn.</b> Suction and delivery of acids, alkali and chemicals of various kind. It can be made conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
<b>PH</b>	<b>PLUTONE PO</b>  Ø mm 20x29-102x118	 	 +80° C -30° C	<b>Black special PVC/NBR hose, reinforced both by a harmonic steel wire and polyester yarn.</b> The copper wire between the two layers makes the hose conductive ( $R < 10^2$ Ohm/m). Suction and delivery of mineral oils, lubricants, crude fuel (naphta, diesel oil) and as a return line in hydraulic systems.
<b>MT</b>	<b>MARTE A.O.</b>  Ø mm 19,1-203	 	 +60° C -10° C	<b>Special antimigration PVC hose, reinforced with an anti-shock rigid PVC spiral.</b> Suction and delivery of mineral oils, lubricants, crude oils (naphta and diesel oil). AS version with copper wire available on request (cod. MT 02).
<b>SQ</b>	<b>SPIRALPRESS OIL</b>  Ø mm 50,8-102	 	 +60° C -10° C	<b>Special black PVC-NBR tank drop hose, reinforced with an anti-shock rigid PVC spiral and Polyester yarn.</b> Exposed spiral for easy handling and dragging. Excellent resistance to oils with an aromatic concentration up to 50%. Suction and discharge of petrol based products and gasoline. Banding coil available on request (cod. SC WT).
<b>OI 01</b>	<b>APOLLO OIL</b>  Ø mm 20-203	 	 +60° C -25° C	<b>Blue PVC-NBR hose manufactured incorporating a spiral reinforcement of anti-shock rigid PVC.</b> Suction and delivery of mineral oils, lubricants, crude fuel (naphta, diesel oil) and as a return line in hydraulic systems. AS version with copper wire available on request (cod. OI 02).
<b>A1 09</b>	<b>APOLLO NL 1 OIL</b>  Ø mm 38-203	 	 +60° C -25° C	<b>Blue PVC-NBR hose manufactured using a superelastic compound and reinforced with grey anti-shock rigid PVC spiral.</b> Its exposed spiral allows an easy dragging. Suction and delivery of mineral oils, lubricants, crude fuel (naphta, diesel oil) and as a return line in hydraulic systems. AS version with copper wire available on request (cod. A1 19).

## Fluids Handling















<b>AX</b>	<b>APOLLO SE</b>  Ø mm 19-305	  	 +60° C -25° C	<b>Blue PVC-P hose with an extruded red stripe, reinforced with an anti-shock rigid PVC spiral.</b> Excellent for suction of liquids in waste management, particularly suitable to be used on tank trucks thanks to its physical- mechanical features. AS version with copper wire available on request (cod. AX 02)
<b>A1</b>	<b>APOLLO NL1</b>  Ø mm 25,4-203	  	 +60° C -25° C	<b>Grey PVC-P hose manufactured with super elastic material and reinforced with anti-shock rigid PVC spiral.</b> Exposed spiral allows less resistance to dragging. Special formulation conceived for keeping high flexibility even at low temperatures. Suction and discharge of waste water, slurries and liquids; particularly suitable to be used on tank trucks. AS version with copper wire available on request (cod. A1 02).
<b>AS</b>	<b>APOLLO SUPERFLEX</b>  Ø mm 20-203	  	 +50° C -40° C	<b>Black PVC/NBR hose, reinforced with an anti-shock rigid PVC spiral.</b> Special formulation conceived for keeping the flexibility at extreme temperatures. Waste Management: suction and discharge of liquids. AS version with copper wire available on request (cod. AS 02)
<b>SF</b>	<b>APOLLO SUPERFLEX 2</b>  Ø mm 50,8-152	  	 +50° C -40° C	<b>Black PVC/NBR hose reinforced with an anti-shock rigid PVC spiral.</b> Its particular mixed rubber nitrilic formulation gives it a high flexibility at extreme low temperature. Slightly protruding spiral guarantees an easy dragging on the ground. Excellent solution for suction and delivery of liquids and water. AS version with copper wire available on request (cod. SF 02).
<b>PW</b>	<b>PLUTONE PW</b>  Ø mm 20x29-102x118		 +60° C -25° C	<b>Black hose with yellow stripe made by a special PVC-P compound, with steel helix and polyester textile reinforcement.</b> Flexible and easy to handle, it resists at low temperatures. Suction and discharge of water and liquids. It can be made conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
<b>GI 06</b>	<b>GIOVE SE</b>  Ø mm 25-305	  	 +60° C -25° C	<b>Light blue PVC-P hose reinforced with an anti-shock rigid PVC spiral.</b> Suction and delivery of waste water, slurry, mud, mixtures of wood, acids, latex, grains and other materials. AS version with copper wire available on request (cod. GI 16).



<b>NX NF</b> 	<b>NETTUNO SE</b>  ø mm 13-300		 +60° C -25° C	<b>Transparent PVC-P hose with an ivory anti-shock rigid PVC spiral.</b> Transport of liquids in general. AS version with copper wire available on request (cod. NX 02).
<b>WT</b> 	<b>SPIRALPRESS WT</b>  ø mm 38-203		 +60° C -10° C	<b>Transparent hose made by plasticized vinylic compound, with an anti shock rigid PVC spiral and textile reinforcement.</b> Suction and delivery of water and liquids, conceived to resist at the highest pressures ,even in severe conditions. In aquaculture, for transfer of fish. Banding coil available on request (cod. SC WT).
<b>XL 01</b> 	<b>SATURNO L</b>  ø mm 19-200		 +60° C -10° C	<b>Transparent green PVC-P hose, reinforced with an ivory, anti-shock and crush resistant rigid PVC spiral.</b> Excellent in agriculture, for suction of liquids and irrigation; particularly suitable to be used on liquid manure spreaders.
<b>YV YQ</b> 	<b>ARIANNA 20/40 BAR</b>  ARIANNA 20 BAR (8x13 -25x33,5) ARIANNA 40 BAR (8x14-19x28)		 +60° C -10° C	<b>Black flexible PVC-P hose, reinforced with a braided polyester thread.</b> Spraying and pressure delivery (20/40 bar) of fungicide solutions, herbicides and fertilisers. Used on trailed atomizers for agricultural treatments.
<b>YO</b> 	<b>ARIANNA 80 BAR</b>  ø mm 8x15-13x21		 +60° C -10° C	<b>Black flexible PVC-P hose with a double braided polyester thread reinforcement.</b> Spraying and pressure delivery (80 bar) of fungicide solutions, herbicides and fertilisers. Used on trailed atomizers for agricultural treatments
<b>XL 06</b> 	<b>SATURNO L SE</b>  ø mm 19-203		 +60° C -25° C	<b>Transparent green PVC-P hose, reinforced with an ivory, anti-shock and crush resistant rigid PVC spiral.</b> Very flexible even at low temperatures. Excellent in agriculture, for irrigation and suction of liquids; suitable to be used on slurry spreaders. 3 different colour versions available on request.
<b>SI 06</b> 	<b>SATURNO IDRO SE</b>  ø mm 16-65		 +60° C -25° C	<b>Transparent PVC-P hose reinforced with a clear anti-shock rigid PVC spiral.</b> Transparent for an easy detection. Strong and flexible. For heavy duty applications, where durability and resistance are required; used as sanitary hose on boats.
<b>LU 01</b> 	<b>NAUTILUS ODOR PROOF</b>  ø 16-50,8		 +60° C -10° C	<b>White PVC-P hose reinforced with an anti-shock rigid PVC spiral.</b> Special odourless formulation against permeation of smells. Crush proof and very flexible. Waste disposal, suction and discharge of liquids, especially used for sanitation systems in marine industry.
<b>MM</b> 	<b>MERCURIO M</b>  ø mm 20-203		 +60° C -10° C	<b>PVC layflat hose (black inside and blue outside), with high tenacity polyester textile reinforcement.</b> Very light and easy to handle, it has a high resistance to ageing, UV rays, ozone, atmospheric agents and many chemical substances. Excellent solution for irrigation and delivery of liquids, fertilisers and substances used in agriculture.



















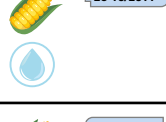









# Food













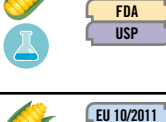













<b>VE</b> 	<b>VULCANO® 04 ET</b>  ø mm 25-500		 +90° C -40° C	<b>Transparent ether based TPU hose, reinforced with a high adhesion TPU coated grey colored steel spiral.</b> Constant wall thickness of 0,4 mm. The wall material is permanent antistatic (R<10 <sup>9</sup> Ohm/m). Excellent resistance to abrasion and flexion as well as to Hydrolysis and microbes. Light suction of abrasive powders, flours, dry and fatty food. It can be made conductive (R< 10 <sup>2</sup> Ohm/m) by grounding the spiral.
<b>VK</b> 	<b>VULCANO® 09 ET</b>  ø mm 20-500		 +90° C -40° C Peaks +125°C	<b>Translucent ether based food grade TPU hose reinforced with TPU coated grey colored steel spiral.</b> Constant wall thickness of 0,9 mm. The wall material is permanent antistatic (R<10 <sup>9</sup> Ohm/m). Suction of abrasive powders and substances in Food processing and pharma plants and where resistance to microbes and Hydrolysis is required. It can be made conductive (R<10 <sup>2</sup> Ohm/m) by grounding the spiral.
<b>VO</b> 	<b>VULCANO® 12 ET</b>  ø mm 25-500		 +90° C -40° C Peaks +125°C	<b>Translucent ether based food grade TPU hose reinforced with TPU coated grey colored steel spiral.</b> Constant wall thickness of 1,2 mm. The wall material is permanent antistatic (R<10 <sup>9</sup> Ohm/m). Suction of abrasive powders and substances in Food processing and pharma plants and anywhere resistance to microbes and Hydrolysis is required. It can be made conductive (R<10 <sup>2</sup> Ohm/m) by grounding the spiral.

VI	<b>VULCANO® 15 ET</b>  	  Peaks +125°C	<b>Translucent ether based food grade TPU hose reinforced with TPU coated grey colored steel spiral.</b> Constant wall thickness of 1,5 mm. The wall material is permanent antistatic ( $R < 10^9$ Ohm/m). Suction of highly abrasive powders and substances in Food processing and pharma plants and where resistance to microbes and Hydrolysis is required. It can be made conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
N7 ET N9 ET N5 ET	<b>NEXT 07/09/15 ET</b>  	  NEXT 09 ET Peaks +125°C NEXT 07 ET 50,8-203 NEXT 09 ET 38-203 NEXT 15 ET 40-203 NEXT 15 ET Peaks +125°C	<b>Transparent ether based TPU hose reinforced with a TPU-coated AISI 302 INOX steel spiral;</b> wall material permanent antistatic ( $R < 10^9$ Ohm/m); resistant to microbes, Hydrolysis and Uv rays. Constant wall thickness of 0,7/0,9/1,5 mm. Suction of abrasive media in the food and pharmaceutical industries. It can be made conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
EU	<b>EOLO PU FOOD</b>  	 	<b>Transparent ether based food grade TPU wall, with anti-shock rigid PVC spiral.</b> Wall thickness ranging from 0,4 mm to 0,8 mm. Light suction of food flours and abrasive powders. Suitable for fatty food (class D2). In agriculture, used on seeders and agricultural equipment. AS version with copper wire available on request (cod.EU 02).
EP	<b>EOLO PUP FOOD</b>  	 	<b>Transparent ether based food grade TPU wall, with anti-shock rigid PVC spiral.</b> Wall thickness ranging from 0,8 mm to 1,2 mm. Medium suction of abrasive foodstuff. In aquaculture, ideal solution for fish handling. Suitable for fatty foods (class D2). AS version with copper wire available on request (cod.EP 02).
ZE	<b>ZEUS PU FOOD</b>  	 	<b>Transparent ether based food grade TPU wall, with anti-shock rigid PVC spiral.</b> Wall thickness ranging from 1,2 mm to 2,0 mm. Heavy suction of abrasive food grade powders. Suitable for fatty foods (class D2). AS version with copper wire available on request (cod. ZE 02).
PY 01	<b>PLUTONE A</b>  	 	<b>Transparent PVC-P hose, reinforced with steel spiral.</b> Smooth inside to enhance the flow properties of the media transferred. Suction and delivery of food liquids, beverages (wine and liquors with up to 20% alcohol concentration). Used on filling machines and dispensers. It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
PY 06	<b>PLUTONE A SE</b>  	 	<b>Transparent PVC-P hose, reinforced with steel spiral.</b> Smooth inside to enhance the flow properties of the media transferred; it keeps high flexibility even at low temperatures, thanks to its special superelastic formulation. Suction and delivery of food liquids, beverages (wine and spirits with up to 20% alcohol concentration) Used on filling machines and dispensers. It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
PQ	<b>PLUTONE PU</b>  	 	<b>Transparent ether-based TPU hose, reinforced with AISI 302 stainless steel spiral.</b> Excellent resistance to microbes and hydrolysis. Suction and delivery of powders, high abrasive food granules and liquids (with up to 20% alcohol concentration). Ideal solution to transfer olive oil and fatty food (class D2). It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
PF	<b>PLUTONE PF</b>  	 	<b>Red hygienic TPE-S hose, reinforced with steel spiral and polyester yarn.</b> Highly neutral in taste and odor. Suction and delivery of food liquids, wines, fruit juices, vinegar, spirits (with alcohol content up to 50%). The blue coloured version (cod. B6) is usually used to transfer milk and dairy products (class D1). It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
CR	<b>CRISTALLO</b>  	 	<b>Monolayer food grade PVC-P tubing. Very flexible and easy to handle.</b> Transparent for an easier detection of the transferred substances. Resistant to weathering and most chemicals. Transfer of food liquids, beverages, fruit juice, vinegar, wine and spirits (with an alcohol content of up to 20%). It is also used in filling and dosing machines as well as in the marine field, for delivery of water and liquids.
B1	<b>ARIANNA BIO</b>  	 	<b>Transparent hose produced with a special bio-based compound, obtained from natural sources, reinforced with a high tenacity polyester yarn.</b> Light and flexible solution, ideal for gardening and irrigation; used on motor pumps for spraying. Transfer of food liquids (with an alcohol content up to 50%), milk and dairy products (class D1)
B2	<b>PLUTONE BIO</b>  	 	<b>Transparent hose produced with a special bio-based compound, obtained from natural sources, reinforced with a steel spiral.</b> Completely smooth inside and outside, it is an ideal solution for suction and delivery of food liquids (with an alcohol content up to 50%), milk and dairy products (class D1). Used on motor pumps for spraying. It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
B3	<b>PLUTONE PRESS BIO</b>  	 	<b>Transparent hose produced with a special bio-based compound, obtained from natural sources, reinforced both with a steel spiral and a polyester yarn.</b> Suction and delivery of food liquids (with an alcohol content up to 50%), milk and dairy products (class D1). It can be conductive ( $R < 10^2$ Ohm/m) by grounding the spiral.
A5	<b>ARIANNA TA</b>  	 	<b>Transparent PVC-P hose reinforced by high tenacity polyester yarn.</b> Completely clear for an easy detection of the media transferred. Resistant to most chemicals and weathering. Transport of liquids and food grade substances. It is often used for filling machines and dispensers



<p><b>NQ</b></p> 	<p><b>NETTUNO</b></p>  <p>ø mm 13-305</p>		 <p>+60° C -10° C</p>	<p><b>Transparent PVC-P hose, reinforced with an ivory anti-shock rigid PVC spiral.</b> Suction and delivery of food powders and beverages (with alcohol concentration up to 50%). Used on tanker trucks for milk collection and suitable to transfer dairy products (class D1). AS version with copper wire available on request (cod.NQ 02).</p>
<p><b>SY</b></p> 	<p><b>SATURNO YELLOW</b></p>  <p>ø mm 19-200</p>		 <p>+60° C -10° C</p>	<p><b>Transparent yellow PVC-P hose reinforced with an ivory anti-shock and crush resistant rigid PVC spiral.</b> Inside surface smooth, light corrugation outside. Strong and flexible, resistant to crushing, atmospherical agents and most chemicals. In agriculture, for irrigation and suction of liquids, fertilizers and solutions commonly used in the sector; used on tank trucks and agricultural machineries. Suction and transfer of food liquids.</p>
<p><b>NR</b></p> 	<p><b>NETTUNO PU</b></p>  <p>ø mm 25-110</p>		 <p>+60° C -10° C</p>	<p><b>Transparent PVC-P hose with an ether based TPU liner, reinforced with an ivory anti-shock and crush resistant rigid PVC spiral.</b> Ideal solution for suction and delivery of food powders and beverages (with alcohol concentration up to 20%). AS version with copper wire available on request (cod.NR 02).</p>
<p><b>BS EN</b></p> 	<p><b>SPIRALPRESS ENO</b></p>  <p>ø mm 38 -203</p>		 <p>+60° C -10° C</p>	<p><b>Transparent PVC-P hose, reinforced with a red anti-shock rigid PVC spiral and polyester yarn.</b> Specially conceived for the wine industry. Suction and delivery of beverages and wines (with alcohol concentration up to 50%). Banding coil available on request (cod. SC EN).</p>
<p><b>BF</b></p> 	<p><b>BACCO</b></p>  <p>ø mm 19-203</p>		 <p>+60° C -10° C</p>	<p><b>Transparent PVC-P hose, reinforced with a red anti-shock rigid PVC spiral.</b> Suction and delivery of beverages, wines and spirits (with alcohol concentration up to 50%). The antistatic version with copper wire is available on request (cod. BF 02).</p>
<p><b>NQ EN</b></p> 	<p><b>NETTUNO ENO</b></p>  <p>ø mm 13-305</p>		 <p>+60° C -10° C</p>	<p><b>Transparent PVC-P hose, reinforced with a red anti-shock rigid PVC spiral;</b> the lightest and most flexible product of the food grade range designed for the wine industry. Suction and delivery of beverages, wines and spirits (with alcohol concentration up to 50%).</p>
<p><b>YO CH</b></p> 	<p><b>CLEANWASH</b></p>  <p>ø mm 12x22</p>		 <p>+80° C -10° C</p>	<p><b>Light blue food grade PVC-P hose, reinforced with a double, high tenacity polyester yarn.</b> Outer cover made with a special grease-proof formulation. Pressure delivery of hot water and solutions for cleaning and sanitation in the food industry.</p>



<p><b>PN</b></p> 	<p><b>PLUTONE PU PRESS</b></p>  <p>ø mm 13x23,5-51x65</p>		 <p>+90° C -40° C Peaks +125° C</p>	<p><b>Transparent ether based TPU hose, reinforced with AISI 302 stainless steel spiral and polyester yarn.</b> Microbes and Hydrolysis resistant. Suction and delivery of food and pharma abrasive powders and liquids (with alcohol concentration up to 20%).</p>
<p><b>HA</b></p> 	<p><b>PHARMAPRESS</b></p>  <p>ø mm 6,4x12,6-25,4x34,5</p>		 <p>+100° C -30° C</p>	<p><b>Translucent TPE-S hygienic rubber hose, reinforced with a high tenacity polyester yarn.</b> Delivery hose designed to convey food, cosmetic, health care and pharmaceutical products (with alcohol content up to 96%), milk and by-products (class D1), vegetable oil and fatty food (class D2).</p>
<p><b>HS</b></p> 	<p><b>PHARMASTEEL</b></p>  <p>ø mm 10x16-51x61</p>		 <p>+100° C -30° C</p>	<p><b>Translucent TPE-S hygienic rubber hose, reinforced with AISI 302 stainless steel spiral.</b> Suction and delivery of food, cosmetic, health care and pharma products (with alcohol content up to 96%), milk and by-products (class D1), vegetable oil and fatty food (class D2).</p>
<p><b>HK</b></p> 	<p><b>PHARMASTEEL PRESS</b></p>  <p>ø mm 13x23,5-102x118</p>		 <p>+100° C -30° C</p>	<p><b>Translucent TPE-S hygienic rubber hose, reinforced both with a high tenacity polyester yarn and AISI 302 stainless steel spiral.</b> Suction and delivery of food, cosmetic, health care and pharma products (with alcohol content up to 96%), milk and by-products (class D1), vegetable oil and fatty food (class D2).</p>
<p><b>WK</b></p> 	<p><b>SIL LIFE W</b></p>  <p>ø mm 12,7x25-102x114</p>		 <p>+180° C -60° C</p>	<p><b>White transparent, platinum-cured silicone hose, reinforced with polyester plies and stainless steel AISI 316L spiral.</b> The ultra-smooth extruded tube made of high purity silicone compound reduces the risk of bacteria proliferation and permeation of residues. Ideal for critical product transfer in the pharmaceutical, cosmetic, biotech and food industries.</p>
<p><b>CL N7 CL N9</b></p> 	<p><b>CRYSTAL CLEAR-55</b></p>  <p>ø mm 3,2x6,4-12,7x19</p>		 <p>+80° C -20° C</p>	<p><b>Hygienic TPE-S pharma-grade tubing</b> specifically engineered for peristaltic pumps and applications within food, pharmaceutical, biotech and cosmetic industries. Widely used to transfer beverage, milk, food and pharma liquids.</p>