

**PVC universal hoses**



**PREMIUM**

**Braided reinforced general purpose PVC hose**

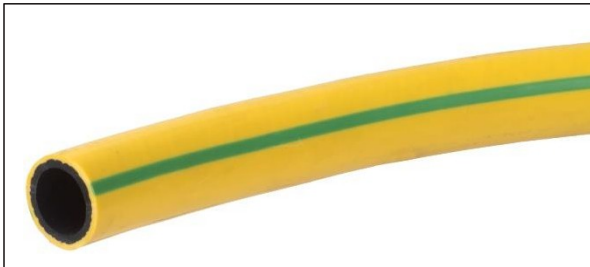
**Inner layer:** transparent PVC **Reinforcement:** polyester braid **Outer layer:** green transparent PVC  
**Operating temperature:** -5°C to +60°C (working pressure dependent on temperature)

Lightweight and flexible, popular general purpose PVC hose. Used for water, air, light chemicals in agriculture, horticulture, industry and domestic use.

| index          | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure 20°C [bar]. | Bursting pressure 20°C [bar]. | mass [kg/m] | Roll length [m] |
|----------------|------------------------|------------------------|---------------------|------------------------------|-------------------------------|-------------|-----------------|
| VLM-PREMIUM-06 | 6                      | 11                     | 2,5                 | 17                           | 50                            | 0,09        | 50              |
| VLM-PREMIUM-08 | 8                      | 13                     | 2,5                 | 15                           | 45                            | 0,105       | 50              |
| VLM-PREMIUM-10 | 10                     | 14,5                   | 2,25                | 14                           | 40                            | 0,11        | 50              |
| VLM-PREMIUM-13 | 12,7                   | 17                     | 2,15                | 12                           | 36                            | 0,14        | 50              |
| VLM-PREMIUM-16 | 16                     | 22                     | 3                   | 12                           | 36                            | 0,23        | 50              |
| VLM-PREMIUM-19 | 19                     | 26                     | 3,5                 | 10                           | 30                            | 0,32        | 50              |
| VLM-PREMIUM-25 | 25                     | 32                     | 3,5                 | 10                           | 24                            | 0,4         | 50              |
| VLM-PREMIUM-32 | 32                     | 40                     | 4                   | 10                           | 21                            | 0,59        | 50              |

Note: indexes highlighted in colour - most commonly used

| Temperature dependence of burst pressure and working pressure for typical PVC hoses | temperature | 20°C | 30°C | 40°C | 50°C | 60°C | 70°C |
|---|-------------|------|------|------|------|------|------|
|   | pressure    | 100% | 74%  | 55%  | 40%  | 30%  | 22%  |



**PROFI**

**Robust all-purpose PVC hose** **Inner layer:** black PVC **Reinforcement:** braided polyester **Outer layer:** yellow PVC  
**Operating temperature:** -5°C to +60°C (temperature-dependent operating pressure)

Robust general purpose PVC hose with specially reinforced wall and braid construction. With good resistance to kinking. Suitable for water, air, light chemicals in agriculture, horticulture and industry.

| index        | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure 20°C [bar]. | Bursting pressure 20°C [bar]. | mass [kg/m] | Roll length [m] |
|--------------|------------------------|------------------------|---------------------|------------------------------|-------------------------------|-------------|-----------------|
| VLM-PROFI-13 | 12,7                   | 17,3                   | 2,3                 | 10                           | 32                            | 0,15        | 50              |
| VLM-PROFI-19 | 19                     | 26                     | 3,5                 | 10                           | 25                            | 0,34        | 50              |
| VLM-PROFI-25 | 25,4                   | 34,4                   | 4,5                 | 10                           | 18                            | 0,55        | 50              |

Note: indexes highlighted in colour - most commonly used

| Temperature dependence of burst pressure and working pressure for typical PVC hoses | temperature | 20°C | 30°C | 40°C | 50°C | 60°C | 70°C |
|---|-------------|------|------|------|------|------|------|
|   | pressure    | 100% | 74%  | 55%  | 40%  | 30%  | 22%  |