



Silicone hoses for general applications



RADIUSIL BLUE

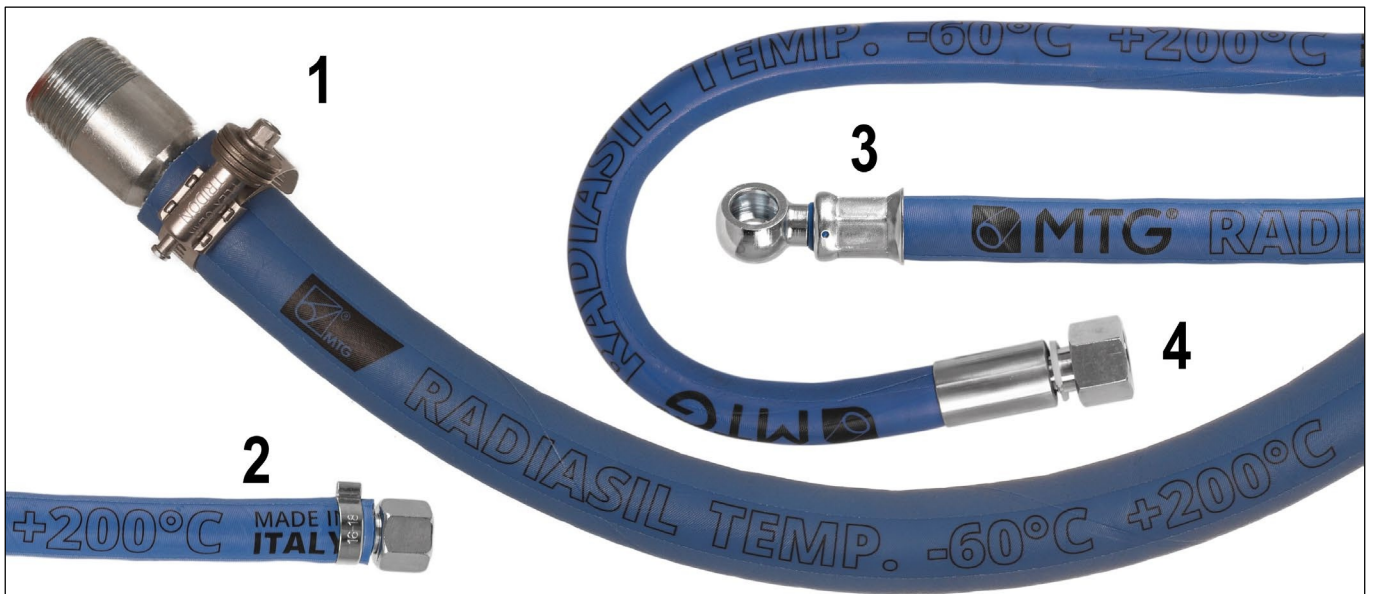
Hose for cooling and hot air systems Inner

- layer:** blue silicone
- Reinforcement:** textile spacers
- Outer layer:** blue silicone
- Hardness:** 60±5 Shore (A)
- Operating temperature:** -60°C to +200°C

High-quality high-temperature discharge silicone hose. Used in industry in cooling or heating systems for water with *antifreeze fluids*, exhaust gases and hot air. Has good resistance to mineral oil mist. Complies with RoHS material directive 2011/65/EU and REACH regulation 1907/2006/EU. Safety factor of 3:1. Mounted on pipe spigots and end fittings without sharp notches using clamps, clamps, collets.

| index | internal diameter [mm] | external diameter [mm] | wall thickness [mm] | working pressure 20°C [bar]. | Bursting pressure 20°C [bar]. | bend radius* [mm] | mass [kg/m] | max. length [m] |
|-------------------|------------------------|------------------------|---------------------|------------------------------|-------------------------------|-------------------|-------------|-----------------|
| MT-RADIUSIL-B-010 | 10 | 18 | 4 | 12 | 36 | 80 | 0,23 | 20 |
| MT-RADIUSIL-B-013 | 13 | 21 | 4 | 10 | 30 | 96 | 0,28 | 20 |
| MT-RADIUSIL-B-016 | 16 | 24 | 4 | 8 | 24 | 120 | 0,35 | 20 |
| MT-RADIUSIL-B-019 | 19 | 27 | 4 | 8 | 24 | 152 | 0,37 | 20 |
| MT-RADIUSIL-B-025 | 25 | 33 | 4 | 6 | 18 | 200 | 0,47 | 20 |
| MT-RADIUSIL-B-032 | 32 | 40 | 4 | 5 | 15 | 256 | 0,58 | 20 |
| MT-RADIUSIL-B-035 | 35 | 43 | 4 | 5 | 15 | 280 | 0,63 | 20 |
| MT-RADIUSIL-B-038 | 38 | 46 | 4 | 5 | 15 | 304 | 0,68 | 20 |
| MT-RADIUSIL-B-040 | 40 | 48 | 4 | 4 | 12 | 320 | 0,71 | 20 |
| MT-RADIUSIL-B-050 | 50 | 58 | 4 | 4 | 12 | 400 | 0,87 | 20 |
| MT-RADIUSIL-B-063 | 63,5 | 73,5 | 5 | 3 | 9 | 520 | 1,44 | 20 |
| MT-RADIUSIL-B-075 | 75 | 85 | 5 | 2,5 | 7,5 | 600 | 1,65 | 12 (20**) |
| MT-RADIUSIL-B-100 | 100 | 110 | 5 | 1,5 | 4,5 | 800 | 2,20 | 12 (20**) |

Notes: * - minimum bending radius at ≥ 1 bar; ** 20 m length on special order;



1 - MT-RADIUSIL-B-025 with AC-CNP-100 end mounted with FLEX-GEAR spring clamp (AB-847024); 2 - MT-RADIUSIL-B-010 with EC type GW M16x1.5 low pressure end mounted with EAR CLIP ring AB-03012064; 3 - MT-RADIUSIL-B-010 with low-pressure end type EC Banjo M14 (1/4") fitted with sleeve EC-104112; 4 - MT-RADIUSIL-B-010 with hydraulic end type TI-ZMW121-18-06-SS fitted with sleeve TI-L-18-06-SS.

