

Thermoplastic hoses TrAle

TrAle textile braid

SAE 100 R7 non-conductive

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Composition: ·Inner tube: polyester elastomer.
·Reinforcement: one or two braids of synthetic fiber.
·Cover: orange polyurethane.

Working temperature: From -40° C to +100° C limited to +70° C for water based fluids.

SAE 100R7 // EN855-R7 // ISO3949-R7 Hoses meet standards SAE J517/J343 and EN855 for non conductivity where maximum electrical leakage shall not exceed 50µA when a 152 mm sample is subject to 37.5 KV for 5 minutes equivalent to 250 KV/meter.

Description: Meets or exceeds SAE 100R7 - Medium pressure hose suitable for petroleum or high insulation or non-conductivity in high tension environment e.g. near electrical power lines.

| Part n° | DN | Ø in | Ø out | Working Pressure (bar) | Working pressure (psi) | Burst pressure (bar) | Burst pressure (psi) | Bending radius (mm) | Weight (kg/m) |
|---------|-------|-------|-------|------------------------|------------------------|----------------------|----------------------|---------------------|---------------|
| MT07103 | 3/16" | 5,00 | 9,6 | 210 | 3.000 | 840 | 12.000 | 25 | 0,060 |
| MT07104 | 1/4" | 6,50 | 12,2 | 210 | 3.000 | 840 | 12.000 | 35 | 0,100 |
| MT07105 | 5/16" | 8,10 | 14,3 | 190 | 2.700 | 760 | 10.800 | 45 | 0,130 |
| MT07106 | 3/8" | 9,70 | 16 | 160 | 2.300 | 640 | 9.200 | 55 | 0,150 |
| MT07108 | 1/2" | 13,00 | 20,3 | 140 | 2.000 | 560 | 8.000 | 75 | 0,220 |
| MT07110 | 5/8" | 16,30 | 23,7 | 105 | 1.500 | 420 | 6.000 | 110 | 0,280 |
| MT07112 | 3/4" | 19,50 | 27,1 | 90 | 1.300 | 360 | 5.200 | 140 | 0,335 |
| MT07116 | 1" | 25,90 | 34 | 70 | 1.000 | 280 | 4.000 | 190 | 0,455 |