

## THERMOPLASTIC CAPILLARY TUBE & ACCESSORIES

### CAPILLARY TUBES

- Provide a quick and easy connection to components like pressure switches, gauges, oil return circuits and oil leveling in air conditioning and refrigeration systems
- No need for brazing, flaring or bending
- Essential noise reduction and vibration absorption
- Excellent impermeability

### CRIMP FITTINGS FOR 2 MM CAPILLARY HOSE



- 42112-50**  
**STRAIGHT CRIMP FITTING WITH HEX NUT**  
packaged in a box of 50 pieces
- Straight Female Fitting 1/4" SAE
  - Short Nut 16 mm
  - Thread SAE J513 - 7/16" 20 UNF



- 42112-90-10**  
**90° CRIMP FITTING WITH HEX NUT**  
packaged in a box of 10 pieces
- 90° Female Fitting 1/4" SAE
  - Short Nut 16 mm
  - Thread SAE J513 - 7/16" 20 UNF



- 91391-10**  
**TEE FITTING**  
packaged in a box of 10 pieces



- 42112-45-10**  
**45° CRIMP FITTING WITH HEX NUT**  
packaged in a box of 10 pieces
- 45° Female Fitting 1/4" SAE
  - Short Nut 16 mm
  - Thread SAE J513 - 7/16" 20 UNF



- 42044-10**  
**DEPRESSOR**  
packaged in a bag of 10



- 69000-0011-10**  
**1/4" COPPER GASKET**  
packaged in a bag of 10



- 44425**  
**CAPILLARY TUBE KIT**  
All the components necessary to crimp your own capillary hoses housed in Mastercool's nylon backpack.

Kit consists of:  
Mastercool backpack (MC-BACKPACK)  
50 meters thermoplastic capillary hose (44004-2000)  
Manual crimper (71551)  
Capillary tube cutter (80013)  
Straight crimp fitting with hex nut (50 pieces) (42112-50)  
Depressor (10 pieces) (42044-10)



- 71551**  
**MANUAL CRIMPER**  
for 2 mm capillary hose



- 80013**  
**CAPILLARY TUBE CUTTER**  
for 2 mm capillary hose

## THERMOPLASTIC CAPILLARY TUBE & ACCESSORIES

### 2MM THERMOPLASTIC CAPILLARY HOSE

- EN 1736 and ISO 13971 - Class 2
- Inner Diameter 2 mm / Outer Diameter 5.9 mm
- Tolerances 0.1 mm
- Bending Radius 10 mm
- Max Allowable Pressure 60 bar (870 psi)
- Working Temperature 120°C
- Min/Max Allowable Temperature -40 to 130°C
- Weight 25 g/m

**44004-1000** 2 MM THERMOPLASTIC CAPILLARY HOSE  
roll of 1000 inches (25 meters)

**44004-2000** 2 MM THERMOPLASTIC CAPILLARY HOSE  
roll of 2000 inches (50 meters)



### THERMOPLASTIC CAPILLARY TUBE ASSEMBLIES STRAIGHT X STRAIGHT FITTING

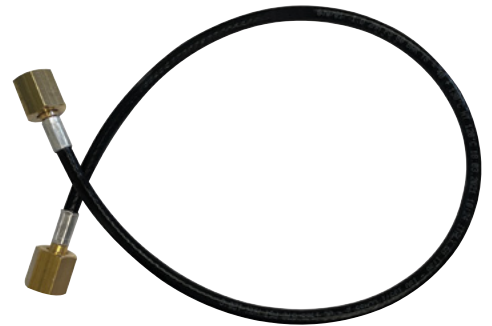
**44124-STR** 12" (30 cm) capillary hose assembly with straight x straight fittings

**44184-STR** 18" (45 cm) capillary hose assembly with straight x straight fittings

**44244-STR** 24" (60 cm) capillary hose assembly with straight x straight fittings

**44484-STR** 48" (120 cm) capillary hose assembly with straight x straight fittings

**44604-STR** 60" (150 cm) capillary hose assembly with straight x straight fittings



### THERMOPLASTIC CAPILLARY TUBE ASSEMBLIES STRAIGHT X 90° FITTING

**44124-ST** 12" (30 cm) capillary hose assembly with straight x 90° fittings

**44184-ST** 18" (45 cm) capillary hose assembly with straight x 90° fittings

**44244-ST** 24" (60 cm) capillary hose assembly with straight x 90° fittings

**44484-ST** 48" (120 cm) capillary hose assembly with straight x 90° fittings

**44604-ST** 60" (150 cm) capillary hose assembly with straight x 90° fittings

