



Mastercool® Inc.

"World Class Quality"

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

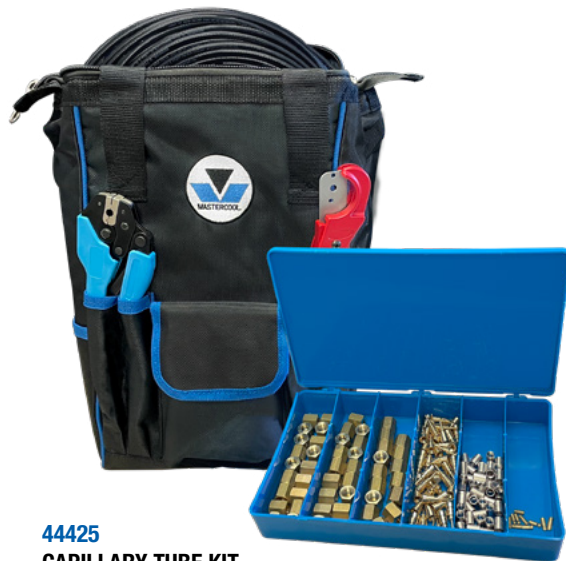
packaged in a bag of 10



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





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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

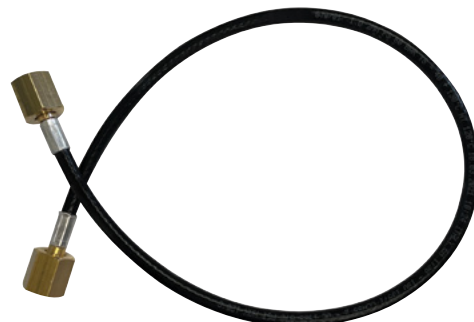
roll of 2000 inches (50 meters)



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

