

Coiled Air / O₂ Hoses

SENSING

ANALYSIS

DELIVERY

*High-grade polyurethane material;
maintain an organized workspace.*



Meets NFPA 99 Standard for
Manufactured Assemblies

Self-Coiling



Shown: Dual Coiled
Blender Hose

DISS Fittings
Handtight/Hextight

COILED AIR / O₂ OVERVIEW

Maxtec offers unique oxygen and self-coiling hoses. They are available in both single and dual coils with blender, ventilator or DISS fittings as well as quick connect fitting options.

- Easy to move with equipment
- DISS fittings (handtight & hextight)
- Self-coiling prevents touching the ground
- Meets NFPA 99 standard for manufactured assemblies

PART NUMBERS

| | |
|--|-------------|
| 15' Single Coiled Air Hose | R128P34 |
| 15' Single Coiled O ₂ Hose | R127P35 |
| 10' Dual Blender Hose (DISS) | R129P01 |
| 15' Dual Vent Hose | R129P02 |
| (DISS Female) | |
| 10' Dual Vent Hose | R129P02-001 |
| (DISS Female) | |
| 10' Dual Vent Hose | R129P13 |
| (Ohmeda Quick Connects) | |
| 15' MaxFLO ₂ Dual Air & O ₂ Hose . . . | R129P15 |
| (DISS Right Angle) | |
| 10' MaxFLO ₂ Dual Air & O ₂ Hose . . . | R129P16 |
| (DISS Right Angle) | |

HOSES WITH QUICK CONNECTS

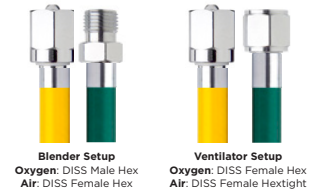
Hoses with Ohmeda® Quick Connect Fittings

| | |
|--|---|
| 15' Single Coiled O ₂ Hose w/ Ohmeda QC.....R127P37 | 6' Straight Dual Hose w/ Ohmeda QC.....R129P50 |
| 15' Single Coiled Air Hose w/ Ohmeda QC.....R128P37 | 6' Straight O ₂ Hose w/ Ohmeda QC.....R129P60 |
| 15' Dual Coiled Hose w/ Ohmeda QC.....R129P21 | 6' Straight air Hose w/ Ohmeda QC.....R129P70 <i>(Yellow Hose)</i> |
| 10' Dual Coiled Hose w/ Ohmeda QC.....R129P17 <i>(Blender Hose)</i> | 6' Straight Dual Hose w/ Ohmeda QC.....R129P54 <i>(Blender Hose)</i> |

Hose Inlet



Hose Outlet



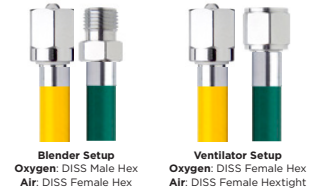
Hoses with Chemtron® Quick-Connect Fittings

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|--|---|
| 15' Single Coiled O ₂ Hose w/ Chemtron QC.....R127P38 | 6' Straight Dual Hose w/ Chemtron QC.....R129P51 |
| 15' Single Coiled Air Hose w/ Chemtron QC.....R128P38 | 6' Straight O ₂ Hose w/ Chemtron QC.....R129P61 |
| 15' Dual Coiled Hose w/ Chemtron QC.....R129P22 | 6' Straight air Hose w/ Chemtron QC.....R129P71 <i>(Yellow Hose)</i> |
| 10' Dual Coiled Hose w/ Chemtron QC.....R129P18 | 6' Straight Dual Hose w/ Chemtron QC.....R129P55 <i>(Blender Hose)</i> |

Hose Inlet



Hose Outlet



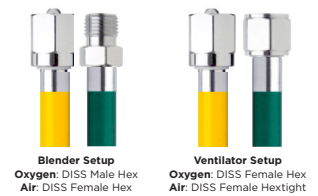
Hoses with Puritan® Quick-Connect Fittings

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|---|--|
| 15' Single Coiled O ₂ Hose w/ Puritan QC.....R127P39 | 6' Straight Dual Hose w/ Puritan QC.....R129P52 |
| 15' Single Coiled Air Hose w/ Puritan QC.....R128P39 | 6' Straight O ₂ Hose w/ Puritan QC.....R129P62 |
| 15' Dual Coiled Hose w/ Puritan QC.....R129P23 | 6' Straight air Hose w/ Puritan QC.....R129P72 <i>(Yellow Hose)</i> |
| 10' Dual Coiled Hose w/ Puritan QC.....R129P19 | 6' Straight Dual Hose w/ Puritan QC.....R129P56 <i>(Blender Hose)</i> |

Hose Inlet



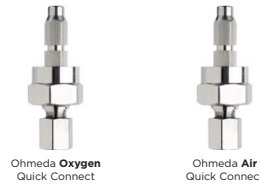
Hose Outlet



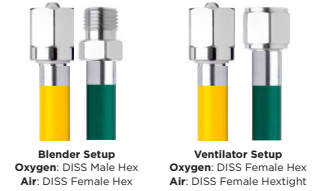
Hoses with Schrader® Quick-Connect Fittings

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|--|---|
| 15' Single Coiled O ₂ Hose w/ Schrader QC.....R127P40 | 6' Straight Dual Hose w/ Schrader QC.....R129P53 |
| 15' Single Coiled Air Hose w/ Schrader QC.....R128P40 | 6' Straight O ₂ Hose w/ Schrader QC.....R129P63 |
| 15' Dual Coiled Hose w/ Schrader QC.....R129P24 | 6' Straight Air Hose w/ Schrader QC.....R129P73 |
| 10' Dual Coiled Hose w/ Schrader QC.....R129P20 | 6' Straight Dual Hose w/ Schrader QC.....R129P57 <i>(Blender Hose)</i> |
| 10' Dual Coiled Hose w/ Schrader QC.....R129P27 <i>(Blender Hose)</i> | |

Hose Inlet



Hose Outlet



*INTERNATIONAL AIR/O₂ HOSES (BLACK & WHITE)

ISO Color Air/Oxygen Hoses

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|--|---|
| 15' O ₂ NIST (F) x NIST (F) White.....R129P80 | 10' AIR NIST (F) x NIST (F) Black & White.....R129P93 |
| 15' Air NIST (F) x NIST (F) Black & White.....R129P81 | 10' O ₂ DISS (F) x DISS (M) White.....R129P94 |
| 15' O ₂ DISS (F) x DISS (F) White.....R129P82 | 6' O ₂ DISS (F) x DISS (F) White.....R129P85 |
| 15' Air DISS (F) x DISS (F) Black & White.....R129P83 | 6' O ₂ AIR DISS (F) x DISS (F) Black & White.....R129P86 |
| 15' O ₂ DISS (M) x DISS (F) Hex White.....R129P84 | 6' O ₂ NIST (F) x NIST (F) WhiteR129P87 |
| 10' O ₂ DISS (F) x DISS (F) White.....R129P90 | 6' O ₂ AIR NIST (F) x NIST (F) Black & White.....R129P88 |
| 10' AIR DISS (F) x DISS (M) Black & White.....R129P91 | 6' Oxygen DISS (F) x DISS (M) White.....R129P89 |
| 10' O ₂ NIST (F) x NIST (F) White.....R129P92 | |

Specifications

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|---|--|
| Burst Rate | 1,000 psi |
| Connectors | DISS Male & Female Air & Oxygen, Quick Connects: Ohmeda, Chemtron, Puritan, Schrader |
| Connector Colors | Oxygen: Green, Air: Yellow |
| Hose Colors | Oxygen: Green, Air: Yellow |
| Hose Type | 1/4" Non-Conductive |
| Hose Lengths | Specified in part description |
| Specific Gravity | 1.13 |
| Shore Hardness | 92A |
| Taber Abrasion: H-18, 1000-g load, 1000 cycles | 34 mg loss |
| Bayshore Resilience | 34% |
| Mold Shrinkage at 100-mil Thickness: Flow Direction | 0.008 in/in (0.008 mm/mm) |
| Cross-Flow Direction | 0.008 in/in (0.008 mm/mm) |
| Tensile Strength | 5,200 lb/in ² (35.9 MPa) |
| Tensile Strength at 50% Elongation | 1,000 lb/in ² (6.9 MPa) |
| Tensile Strength at 100% Elongation | 1,200 lb/in ² (8.3 MPa) |
| Tensile Strength at 300% Elongation | 2,200 lb/in ² (15.2 MPa) |
| Ultimate Elongation | 500% |
| Flexural Modulus - 158°F (70°C) | 4,700 lb/in ² (32.4 MPa) |
| Flexural Modulus - 73°F (23°C) | 9,100 lb/in ² (62.7 MPa) |
| Tear Strength, Die "C" | 620 lbf/in (108 kN/m) |
| Compression Set: | |
| As Molded 22 Hours at 158°F (70°C) | 72% |
| As Molded 22 Hours at 73°F (23°C) | 23% |
| Post Cured 22 Hours at 158°F (70°C) | 33% |
| Post Cured 22 Hours at 73°F (23°C) | 16% |
| Compression Load: | |
| 2% Deflection | 160 lb/in ² (1.1 MPa) |
| 5% Deflection | 325 lb/in ² (2.2 MPa) |
| 10% Deflection | 705 lb/in ² (4.9 MPa) |
| 15% Deflection | 1,050 lb/in ² (7.2 MPa) |
| 20% Deflection | 1,380 lb/in ² (9.5 MPa) |
| 25% Deflection | 1,690 lb/in ² (11.6 MPa) |
| 50% Deflection | 3,590 lb/in ² (24.8 MPa) |
| Low Temperature Brittle Point | -94°F (-70°C) |
| Glass Transition Temperature | -9°F (-23°C) |
| Vicat Softening Temperature, Rate A | 227°F (108°C) |