

# Coiled Air / O<sub>2</sub> 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 / O<sub>2</sub> 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 O2 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)	
10' MaxFLO2 Dual Air & O2 Hose . . . .	R129P16
(DISS Right Angle)	

## HOSES WITH QUICK CONNECTS

### Hoses with Ohmeda® Quick Connect Fittings

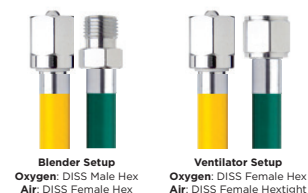
15' Dual Coiled Hose w/ Ohmeda QC.....R129P21 6' Straight Dual Hose w/ Ohmeda QC.....R129P54  
(Blender Hose)

10' Dual Coiled Hose w/ Ohmeda QC.....R129P17  
(Blender Hose)

#### Hose Inlet



#### Hose Outlet



### Hoses with Chemtron® Quick-Connect Fittings

15' Single Coiled O<sub>2</sub> Hose w/ Chemtron QC.....R127P38 6' Straight Dual Hose w/ Chemtron QC.....R129P51

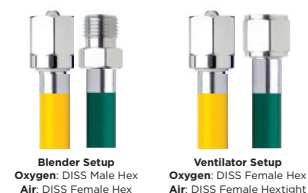
10' Dual Coiled Hose w/ Chemtron QC.....R129P18 6' Straight O<sub>2</sub> Hose w/ Chemtron QC.....R129P61

10' Dual Coiled Hose w/ Chemtron QC.....R129P25  
(Blender Hose)

#### Hose Inlet



#### Hose Outlet



### Hoses with Puritan® Quick-Connect Fittings

15' Single Coiled O<sub>2</sub> Hose w/ Puritan QC.....R127P39 6' Straight Dual Hose w/ Puritan QC.....R129P52

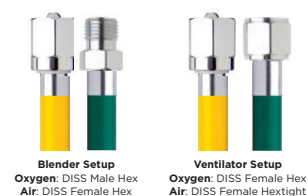
15' Dual Coiled Hose w/ Puritan QC.....R129P23 6' Straight O<sub>2</sub> Hose w/ Puritan QC.....R129P62

10' Dual Coiled Hose w/ Puritan QC.....R129P26  
(Blender Hose)

#### Hose Inlet



#### Hose Outlet



### Hoses with Schrader® Quick-Connect Fittings

15' Single Coiled O<sub>2</sub> Hose w/ Schrader QC.....R127P40 6' Straight Air Hose w/ Schrader QC.....R129P73

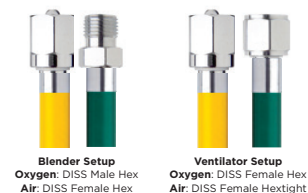
15' Single Coiled Air Hose w/ Schrader QC.....R128P40

10' Dual Coiled Hose w/ Schrader QC.....R129P27  
(Blender Hose)

#### Hose Inlet



#### Hose Outlet



## \*INTERNATIONAL AIR/O<sub>2</sub> HOSES (BLACK & WHITE)

### ISO Color Air/Oxygen Hoses

15' O<sub>2</sub> NIST (F) x NIST (F) White.....R129P80

15' Air NIST (F) x NIST (F) Black & White..... R129P81

15' O<sub>2</sub> DISS (F) x DISS (F) White.....R129P82

15' Air DISS (F) x DISS (F) Black & White.....R129P83

15' O<sub>2</sub> DISS (M) x DISS (F) Hex White.....R129P84

10' O<sub>2</sub> DISS (F) x DISS (F) White.....R129P90

10' AIR DISS (F) x DISS (M) Black & White..... R129P91

10' O<sub>2</sub> NIST (F) x NIST (F) White.....R129P92

10' AIR NIST (F) x NIST (F) Black & White.....R129P93

10' O<sub>2</sub> DISS (F) x DISS (M) White.....R129P94

6' O<sub>2</sub> DISS (F) x DISS (F) White..... R129P85

6' O<sub>2</sub> AIR DISS (F) x DISS (F) Black & White.....R129P86

6' O<sub>2</sub> NIST (F) x NIST (F) White .....R129P87

6' O<sub>2</sub> AIR NIST (F) x NIST (F) Black & White.....R129P88

6' Oxygen DISS (F) x DISS (M) White.....R129P89

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## Specifications

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 <sup>2</sup> (35.9 MPa)
Tensile Strength at 50% Elongation	1,000 lb/in <sup>2</sup> (6.9 MPa)
Tensile Strength at 100% Elongation	1,200 lb/in <sup>2</sup> (8.3 MPa)
Tensile Strength at 300% Elongation	2,200 lb/in <sup>2</sup> (15.2 MPa)
Ultimate Elongation	500%
Flexural Modulus - 158°F (70°C)	4,700 lb/in <sup>2</sup> (32.4 MPa)
Flexural Modulus - 73°F (23°C)	9,100 lb/in <sup>2</sup> (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 <sup>2</sup> (1.1 MPa)
5% Deflection	325 lb/in <sup>2</sup> (2.2 MPa)
10% Deflection	705 lb/in <sup>2</sup> (4.9 MPa)
15% Deflection	1,050 lb/in <sup>2</sup> (7.2 MPa)
20% Deflection	1,380 lb/in <sup>2</sup> (9.5 MPa)
25% Deflection	1,690 lb/in <sup>2</sup> (11.6 MPa)
50% Deflection	3,590 lb/in <sup>2</sup> (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)