



Manufacturer of Flexible Metal Hose and Gas Piping Products

## HYTHERM™ HOSE SPECIFICATION DATASHEET

### 300 SERIES INSULATED EXTRUDED (LLDPE) HOSE DESCRIPTION

OmegaFlex® insulated extruded corrugated braided hose consists of corrugated 300 series 316L stainless steel hose with one layer of 304 stainless steel braid, one layer of non-halogenated fiberglass (E-glass) braid with an outer jacket of Linear Low-Density Polyethylene (LLDPE), green in color. Several end-fitting configurations can be used on the 300 Series insulated extruded (LLDPE) hose. After fabricating a hose assembly using OmegaFlex® 300 series insulated extruded (LLDPE) hose, silicone end seal wrap partially covers the end fitting and any exposed stainless steel/fiberglass braided hose.

### 300 SERIES INSULATED EXTRUDED (LLDPE) HOSE MATERIALS

HOSE MATERIAL: 300 series 316L stainless steel corrugated hose conforms to ASTM A240.  
BRAID MATERIAL: 304 stainless steel braid conforms to ASTM A580  
FIBERGLASS MATERIAL: Non-halogenated fiberglass (E-glass) braid  
JACKET MATERIAL: Linear Low-Density Polyethylene  
END SEAL WRAP: Silicone elastomer

### 300 SERIES INSULATED EXTRUDED (LLDPE) HOSE OPERATING TEMPERATURES

-76°F to 350°F with intermittent use of temperatures up to 400°F

### 300 SERIES INSULATED EXTRUDED (LLDPE) HOSE SPECIFICATIONS

300 Series Extruded Hose Size	OmegaFlex Part Number	Braided Hose ID (Nom)	Braided Hose OD (Nom)	Fiberglass Braid OD (Nom)	LLDPE Jacket OD (Nom)	MAWP (psig)@70F	Minimum Static Bend Radius (in)	Minimum Dynamic Bend Radius (in)	Reel Quantities (FT)	FG Braid Design
3/4"	HYT-0750	0.810"	1.100"	1.330"	1.450"	800	9	18	100	64X1X1.4
1"	HYT-1000	1.030"	1.420"	1.595"	1.695"	750	12	24	100	64X1X1.4

# OmegaFlex

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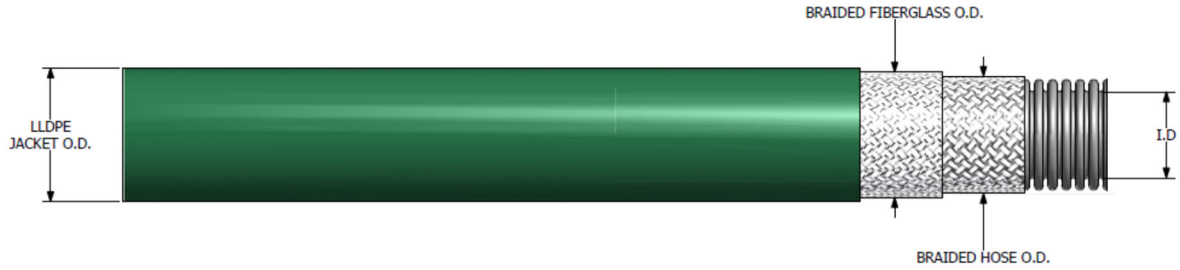


Figure 1 Insulated Extruded Hose Dimensions

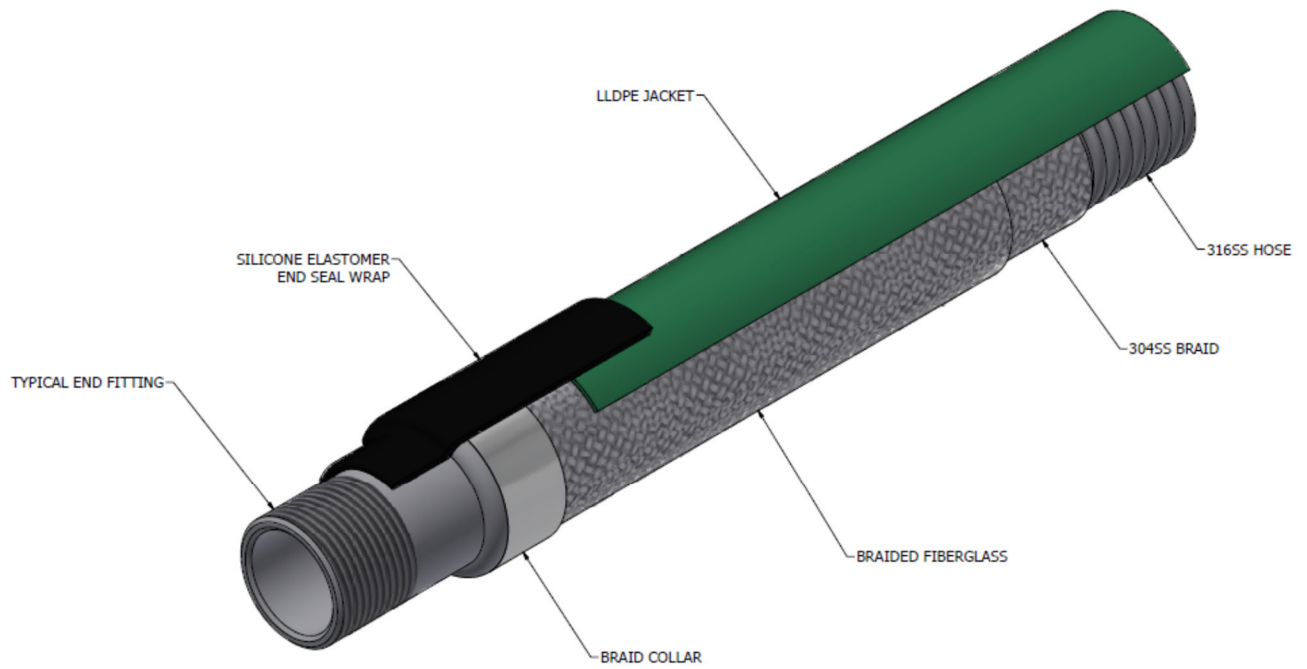


Figure 2 - Typical Hose Assembly with End Fitting