

# HAM-LET DIELECTRIC FITTINGS



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Dielectric fittings are designed to insulate subsystems from electrical current, voltages and static charges.

## MATERIALS OF CONSTRUCTION:

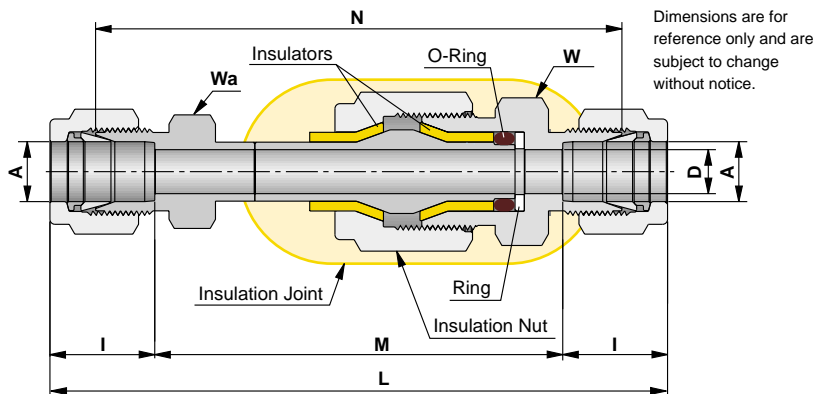
1. Body: A.I.S.I. 316.
2. Insulators: Polyamide-Imide.
3. O-Ring: Viton 70 Durometer.
4. Ring: PTFE.

## WORKING CONDITIONS:

1. Pressure rating: 5000 psi
2. Temperature rating: -40°C to 93°C (-40°F to 200°F).
3. Electrical resistance at 20°C-25°C (68°F-77°F): 10X10<sup>6</sup>Ω at 30V DC.

TUBE (INCH) TO TUBE (INCH)																
Ordering Information	A		D		W		Wa		M		I		N		L	
	Tube O.D.				Hex Flat		Hex Flat									
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
762L 1/4 Dielectric	1/4	6.35	0.19	4.80	13/16	20.60	1/2	12.70	2.57	65.30	0.60	15.23	3.19	81.02	3.77	95.75
762L 3/8 Dielectric	3/8	9.52	0.28	7.10	13/16	20.60	5/8	15.90	2.59	65.80	0.66	16.80	3.34	84.87	3.92	99.60
762L 1/2 Dielectric	1/2	12.70	0.28	7.10	13/16	20.60	13/16	20.60	2.37	60.20	0.90	22.90	3.37	85.68	4.17	106.0

TUBE (METRIC) TO TUBE (METRIC)									
Ordering Information	A	D	W	Wa	M	I	N	L	
	Tube O.D.		Hex Flat	Hex Flat					
	mm	mm	mm	mm	mm	mm	mm	mm	mm
762L12 mm Dielectric	12.00	7.10	22.0	22.0	61.70	22.80	87.10	107.3	



### Assembly Instructions for Dielectric Fitting

1. Hold hex A (Back-Up) and tighten nut A according to Let-Lok assembly instructions (see Let-Lok catalogue for more information).
2. Hold hex B (Back-Up) and tighten nut B according to the Let-Lok assembly instructions.

**CAUTION:** DO NOT LOOSEN the INSULATION NUT and DO NOT USE it as a BACK UP HEX.

### Notes:

1. If end connection is Taper Pipe Thread - apply pipe sealant on thread and use hex A or B as wrenching or as Back Up hex.
2. For additional types of end connection, please contact your authorized Ham-Let representative.

### Warning! For Your Safety

The system designer and user have the sole responsibility to select products suitable for their special application requirements and to ensure the proper installation, operation and maintenance of the product. Please consider application details, material compatibility and product ratings when making your selection. Improper selection or use of products can cause property damage or personal injury.

