

# PENBERTHY

## material specifications

### For: ACCESSORIES FOR TUBULAR GLASS ASSEMBLIES

Ref. No.	Part Description	Standard Materials	Optional Materials
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#### Glass Union

34	Glass Packing	Neoprene <sup>®</sup> , Max. 300°F		Grafoil <sup>®</sup> , Max. 500°F Teflon <sup>®</sup> , Max. 500°F Viton <sup>®</sup> , Max. 400°F	
35	Glass Packing Retainer	ASTM A240 Sheet 316 STS		None	
36	Glass Packing Gland	MPIF SS-316N2-33 316 STS (sintered)		None	
37	Glass Packing Nut	ASTM A108 Carbon Steel AISI C1018	ASTM B21 CA Alloy 464 Naval Brass	ASTM A276 316/316L STS	None
100	Screw	18-8 (304) STS		None	
134	Adapter	ASTM A108 Carbon Steel AISI C1018	ASTM B21 CA Alloy 464 Naval Brass	ASTM A240 316L STS	None

#### Hydraulic Adapter

11	Body	ASTM A108 Carbon Steel AISI C1018	ASTM B21 CA Alloy 464 Naval Brass	ASTM A276 316/316L STS	None
34	Glass Packing	Neoprene <sup>®</sup> , Max. 300°F		Grafoil <sup>®</sup> , Max. 500°F Teflon <sup>®</sup> , Max. 500°F Viton <sup>®</sup> , Max. 400°F	
35	Glass Packing Retainer	ASTM A240 Sheet 316 STS		None	
36	Glass Packing Gland	MPIF SS-316N2-33 316 STS (sintered)		None	
37	Glass Packing Nut	ASTM A108 Carbon Steel AISI C1018	ASTM B21 CA Alloy 464 Naval Brass	ASTM A276 316/316L STS	None

#### Refractive Protector

4	Nut	ASTM A563 Gr. A Steel, Zinc Plated		None
4A	Nut	Brass (knurled)		None
48	Glass	Annealed Glass		PMMA (Acrylic sheet)
77	End	Aluminum Gr. G4A		None
100	Screw	18-8 (304) STS		None
100A	Screw	ASTM A449 Steel, Zinc Plated		None
137	U-bolt	Aluminum Alloy 6061		None
293	Extrusion	Aluminum Alloy UNS #A96063		None