

Series 3B – Two-Piece Threaded Coupling

Series 3H – One-Piece Extended Core Fittings

- ▶ Compact Size
- ▶ Stainless Steel Body
- ▶ Teflon® or Nylon Insulation Sleeve
- ▶ U.L. Recognized
- ▶ Pressure Tight
- ▶ Various Threaded Sizes
- ▶ CSA Approved
- ▶ FM Approved

Series 3B fittings are compact pressure tight assemblies that hold a single electrode probe for use in water and chemicals. These fittings incorporate a 1/4-20 female thread that must be combined with a Series 3R rigid electrode or Series 3W wire suspended electrode to make a complete assembly.

Series 3H electrode fittings feature a one piece electrode core which can be trimmed to length in the field. One piece construction simplifies installation.

Both 3B and 3H fittings are available with three different mounting threads, and are capable of withstanding up to 400 psig at 406°F.

Specifications

Body Material	316 Stainless Steel
Insulation Sleeve	
Series 3B	Teflon®
Series 3H	Nylon, Teflon®
Pressure/Temperature	
Series 3B	400 psig @ 406°F (saturated steam)
Series 3H	2000 psig @ 75°F; 400 psig @ 406°F (saturated steam)
Approvals	U.L. File # MP2489, Vol. 1 Sec. 1; CSA; FM
Probes Required	
Series 3B	1/4" rod (3R Series) ¹ ; or Wire-suspended (3W Series) ¹
Series 3H	None. Core is extended to proper length
Thread Size	3/8" - 18 NPT, 5/8" - 18 NF, 5/8" - 24 NEF

Note:

1. See page E-23 for 3R and 3W probes.

How to Order Series 3B

Use the **Bold** characters from the chart below to construct a product code.

Series	3B	X	X
Thread			
	1 – 3/8" - 18 NPT		
	2 – 5/8" - 18 NF		
	3 – 5/8" - 24 NEF		
Metal Parts	B – 316 S.S.		

– Standard part numbers

How to Order Series 3H

Use the **Bold** characters from the chart below to construct a product code.

Series	3H	X	X	X
Thread				
	1 – 3/8" - 18 NPT			
	2 – 5/8" - 18 NF			
	3 – 5/8" - 24 NEF			
Sleeve ¹	A – Nylon 3/4" Long	B – Teflon 3/4" Long		
Length (Feet) ²	1 – One	2 – Two	3 – Three	

– Standard part numbers

Notes:

- Longer Teflon® sleeves are available.
- Custom probe and insulation lengths are available. Contact your representative.



Applications

- Single Level Service
- For Water, Caustics, Acids and Chemicals
- High Temperature Atmosphere
- High Pressure Conditions