

# Thermo Scientific Orion Protective Probe Guards

Protective probe guards can be used when conditions require additional protection for the probe or additional weight for submersion. The protective probe guards are intended for use with 080510MD, 080510, 083005MD, 083010MD, 083025MD, 083060MD, 083005D, 083005A, 083010A, 083025A and 083060A DO probes and 013005MD, 013010MD, 013025MD, 013005A, 013010A, 013030A, 013060A, 013005D and 013010D conductivity cells.

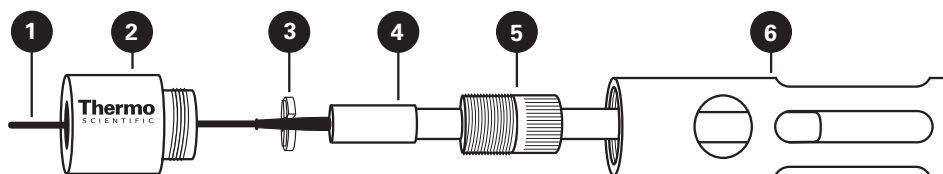
## Assembly of the Protective Guard

Insert the probe cable (1) into the slot in the clamping ring (3) with the recessed side placed on the top of the probe cap (4). Insert the probe connector into the threaded side of the retainer (2) and pull the cable through the hole until the clamping ring is seated flush in the retainer. Slide the probe retainer nut (5) over the probe body and screw it into the retainer threads until hand tight. Do not overtighten the probe retainer nut. Screw the probe body sleeve (6) onto the retainer threads until hand tight.

## Disassembly of the Protective Guard

Remove the probe body sleeve (6) by unscrewing it. Remove the probe retainer nut (5) from the retainer (2) by unscrewing it. Slide the probe out of the retainer so that the clamping ring (3) can be removed without obstruction. Continue pulling the probe cable (1) through the retainer, taking care not to lose the clamping ring. Slide the clamping ring away from probe cap (4) and off of the strain relief so that it can easily be removed from the probe cable. To prevent loss of components, reassemble the protective sleeve before storing the assembly.

**Note:** Do not place excessive force on the probe cable when disassembling as this may damage the cable.



## Ordering Information

| Cat. No. | Description  |
|----------|--|
| 013045   | Stainless steel protective probe guard             |
| 080045   | Stainless steel and plastic protective probe guard |
| 081045   | Plastic protective probe guard                     |

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