

# Gland Accessories

# Insulated Adaptor



## Application

- > Insulated adaptors provide a method of insulating cable glands from the equipment to which they are fixed.

## Features & Benefits

They are used where the enclosure is not relied upon for bonding the cable to the earth, for example:

- > To prevent the heating effects of circulating currents.
- > To segregate low voltage and high voltage earth fault paths.



## Technical Data

- > Impact resistance: 7 Joules
- > Ambient Temperature: -50°C to +85°C
- > Thread Form: Metric
- > Material: Brass (481AA - Series) or Aluminium (481AL - Series)
- > Insulator: 30% glass filled nylon 12
- > Certified: EExd IIC for hazardous area applications

### Electrical Properties of Insulating Material

- > Dielectric strength: 90 kV/mm
- > Volume resistivity:  $8.6 \times 10^{14}$  ohm.cm
- > Min thickness of insulator: 5mm +/- 1mm
- > 2kV 'Wet withstand' tested



# Insulated Adaptor

## Insulated Adaptor Details

Reference Number	Equipment Thread Size	Hex A/F	Hex A/C	Total Length	Male Length	Female Depth	Bore
481AA 53	M20	30.5	35.5	54.0	16.0	17.0	13.5
481AA 55	M25	37.6	43.2	54.0	16.0	17.0	19.0
481AA 56	M32	47.2	54.3	54.0	16.0	17.0	25.0
481AA 57	M40	55.9	64.1	54.0	16.0	17.0	30.0
481AA 59	M50	70.1	80.8	54.0	16.0	17.0	40.5
481AA 61	M63	80.0	92.0	54.0	16.0	17.0	53.0
481AA 63	M75	95.3	109.5	54.0	16.0	17.0	65.0
481AA 64	M85 x 2.0	106.4	114.0	63.0	20.0	22.0	75.0