

FITTING SELECTION GUIDE FOR IP RATING

FITTING SERIES	STOCK ITEM	INSULATED THROAT	CONSTRUCTION EF, EFST, UA, CW	FOOD GRADE FG, FGUA, FGSS	HARSH ENVIRONMENT HTUA, HC, HCX, ZHUA, OR, FG, EFL	SHIELDTITE® AND SHIELDTITE® Z1	NMUA (NON-METALLIC) TYPE B	MTC (MACHINE TOOL CONDUIT)	CNP TYPE A
NPT Fittings LFMC Zinc-Plated Steel	Yes	Yes	IP 66/67	IP 66/67	IP 66/67	IP 66/67	No	IP 65	No
NPT / ISO Compact LFMC Nickel-Plated Brass	Yes	Yes	IP 66/67	IP 66/67	IP 66/67	IP 66/67	No	IP 65	No
NPT Compact LFMC 316 Stainless Steel	Yes	Yes	IP 66/67	IP 66/67	IP 66/67	IP 66/67	No	IP 65	No
NPT LFMC 304 Stainless Steel	Yes	Yes	IP 66/67	IP 66/67	IP 66/67	IP 66/67	No	IP 65	No
NPT Food Grade LFMC 316 Stainless Steel	YES	No	IP 66/67	IP 68	IP 66/67	IP 66/67	No	IP 65	No
Type B NMUA Fittings LFNC Nylon 66	Yes	No	No	No	No	No	IP 66/67	No	No
Type A CNP Fittings LFNC Zinc-Plated Steel	Yes	Yes	No	No	No	No	No	No	IP 67

Ingress Protection (IP ratings)

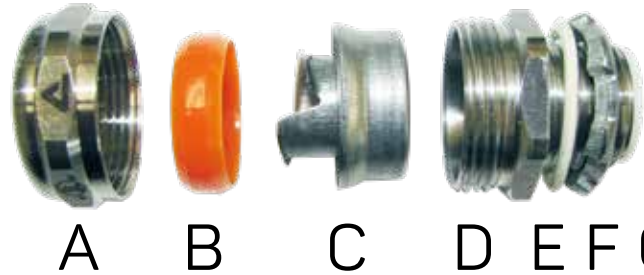
- IP 65 - Protected from total dust ingress. Protected from low pressure water jets.
- IP 66 - Protected from total dust ingress. Protected from high pressure water jets from any direction.
- IP 67 - Protected from total dust ingress. Protected from immersion to 1 meter depth.
- IP 68 - Protected from total dust ingress. Protected from immersion to 3 meters depth.
- IP 69 - Protected from total dust ingress. Protected up to 40 Bar high pressure with these fittings.

Zinc-plated fittings provide marginal corrosion resistance. Not to be used in salt or corrosive environments. Nickel-Plated Brass fittings provide better protection against corrosion. Use to prevent galvanic corrosion in neutral pH. 316 Stainless Steel fittings are the best corrosion protection. Use in very harsh environments to protect against galvanic and chemical corrosion.

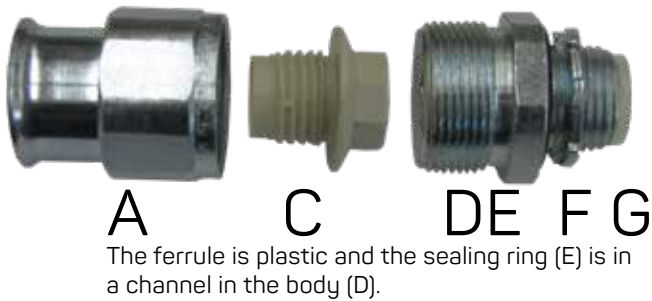
FITTING ASSEMBLY (PARTS ARE NOT SOLD SEPARATELY)

- A** Gland nut
- B** Sealing ring
- C** Ferrule or Grounding ferrule
- D** Body
- E** Sealing washer
- F** Locknut
- G** Insulated throat
- H** Enclosure Seal

Plated Brass Fittings: 712 & 714



CNP Fittings: 5STNM



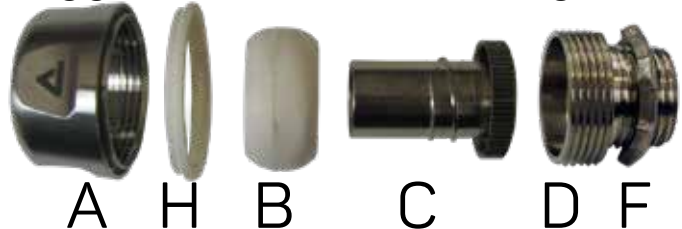
Zinc-plated Steel Fittings: 7STR



Non-Metallic Fittings: 5000



Hygienic Compact Fittings: 744



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SEALTITE® FITTINGS

A
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S
E
M
B
L
Y