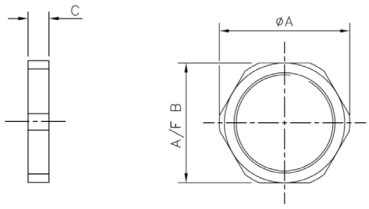
Technical Data Sheet

Non-Metallic Systems
Accessories - Nylon Locknuts - LNP

Nylon locknuts - LNP, to be used with non-metallic fittings when securing into knockouts

Features

- Nylon locknut, black only and grey
- Medium impact resistance
- Temperature range up to -5ºC to +120ºC
- UV protection is very high



Conformity
N/A

Approvals
N/A

Fire Performance	
Test Standard	Performance Rating
ISO 4589-2	24%
BS EN 60695-2-11	850ºC
UL94	V2
Self Extinguishing Low Smoke & Halogen Free	

Degree of Mechanical Protection
Medium impact resistance

IP Rating	Appropriate Fitting
For use with: see below	
N/A	

UV Protection
Very High

Temperature Range
Static Application: -40ºC to +120ºC
Dynamic Application: -5ºC to +120ºC

For Use With - Fitting Series
All Adaptaflex Polyamide (Nylon) threaded fittings

Type of Material	Finish
Polyamide (Nylon) 6	Black (BL)
	Grey (GR)

Testing Data
N/A

Fitting Characteristics
Nylon Locknut

Part No Black	Part No Grey	Thread Size	Nominal Dimensions (mm)		
			A	B	C
LNPB/M16	LNPG/M16	M16	22.0	19.0	6.7
LNPB/M20	LNPG/M20	M20	27.0	23.0	8.0
LNPB/M25	LNPG/M25	M25	32.0	28.0	9.0
LNPB/M32	LNPG/M32	M32	42.0	36.5	9.0
LNPB/M40	LNPG/M40	M40	51.0	46.0	10.0
LNPB/M50	LNPG/M50	M50	65.0	60.0	10.0
LNPB/M63	LNPG/M63	M63	82.0	74.0	10.0

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Chemical Resistance Chart

Astm No.1	Diesel oil	Methyl Bromide	Sulphur Dioxide (Gas)
Astm No.2	Diethylamine	MEK	Sulphuric Acid (10%)
Astm No.3	Ethanol	Nitric Acid (10%)	Sulphuric Acid (70%)
Acetic Acid (10%)	Ether	Nitric Acid (70%)	Toluene
Acetone	Ethylamine	Oxalic Acid	Transformer Oil
Aluminium Chloride	Ethylene Glycol	Ozone (Gas)	1,1,1-Trichloroethane
Aniline	Ethyl Ethanoate	Paraffin oil	Trichloroethylene
Benzaldehyde	Freon 32	Petrol	Turpentine
Benzene	Hydrochloric Acid (10%)	Phenol	Vegetable Oil
Carbon tetrachloride	Hydrochloric Acid (36%)	Sea Water	Vinyl Acetate
Chlorine water	Hydrogen Peroxide (35%)	Silver Nitrate	Water
Chloroform	Hydrogen Peroxide (87%)	Skydrol	White Spirit
Citric Acid	Lactic Acid	Sodium Chloride	Zinc Chloride
Copper Sulphate	Lubricating oil	Sodium Hydroxide (10%)	
Cresol	Methanol	Sodium Hydroxide (60%)	

Key:

Suitable
Limited Suitability
Unsuitable
Not Tested

The information above is given as a guide only and is based on published technical data and experience. The chemical resistance of the above products is dependant on factors such as chemical exposure, concentration of the chemical and temperature. The above chemicals are valid for a temperature of 23°C. Use of the above table is at the users own discretion and risk. Those using it must satisfy themselves that their application presents no health and safety risks. The end user should assess compatibility with their application and contact Thomas & Betts for further information.

ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 OR NEC WIRING REGULATIONS (FOR USA) IS STRONGLY ADVISED.
MINIMUM BEND RADIUS FOR FLEXING IS DEPENDANT UPON MINIMUM TEMPERATURE, BENDING FREQUENCY AND CHEMICAL ENVIRONMENT.

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