

Trans Technical Solutions

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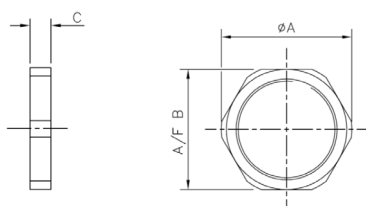
P O Box 5094
Delmenville
1403

Unit F11, Roete 24
Meadowdale
Germiston



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 -5°C to +120°C
- 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	850°C
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: -40°C to +120°C
Dynamic Application: -5°C to +120°C

For Use With - Fitting Series
All Aflex 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
TLNPB/M16	TLNPG/M16	M16	22.0	19.0	6.7
TLNPB/M20	TLNPG/M20	M20	27.0	23.0	8.0
TLNPB/M25	TLNPG/M25	M25	32.0	28.0	9.0
TLNPB/M32	TLNPG/M32	M32	42.0	36.5	9.0
TLNPB/M40	TLNPG/M40	M40	51.0	46.0	10.0
TLNPB/M50	TLNPG/M50	M50	65.0	60.0	10.0
TLNPB/M63	TLNPG/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 TTS 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.