Metallic Systems

Accessories - Thread Convertors

Technical Characteristics

Conforms to	Metric Threads EN 60423 & BS 3643 PG Threads DIN 40430 NPT Threads ANSI / ASME B1.20.1 - 1983
Approvals and Standards	N/A
Degree of mechanical protection	Very High
Degree of protection	Maintains IP Rating of system when used with correct sealing washers
UV protection	Very High
Fitting characteristics	Thread convertor
Application	For use when different thread forms require connecting together
Normal operating temperature range	Application / Min Temp / Max Temp Static / **- 50°C** / **+300°C** Dynamic / **- 45°C** / **+250°C**
For use with - Fittings	All threaded fittings in the Adaptaflex range
Fire performance	**Test Standard**: Not Rated **Performance Rating**: Not Rated
Testing data	N/A
Type of material	Nickel Plated Brass
Image	

Cable Management Products Ltd.
CMG House - Station Road - Coleshill - B46 1HT - United Kingdom
Tel: +44(0)1675 468 222 - Fax: +44(0)1675 464 930
Technical Support e-mail: cmg.conduitsystems@tnb.com - www.adaptaflex.com

Thomas&Betts
A Member of the ABB Group

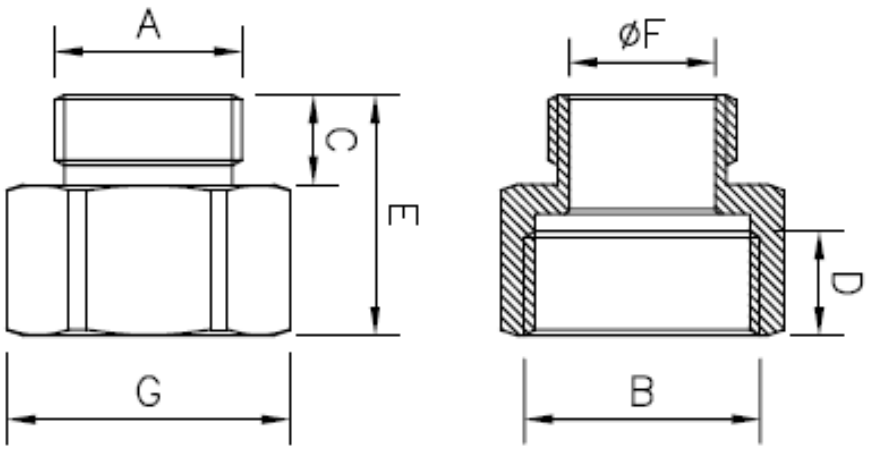
The Company's policy is one of continuous improvement and reserves the right to change specifications at any time without prior notice.

Metallic Systems

Accessories - Thread Convertors

Dimensional & Thread Data

Part No	Thread A	Thread B	Nominal Dimensions (mm)				
			C	D	E	F	G
B/PG7-M16/TC	PG7	M16x1.5	9.0	12.0	25.0	8.0	20.0
B/PG9-M16/TC	PG9	M16x1.5	9.0	12.0	26.0	12.0	20.0
B/PG9-M20/TC	PG9	M20x1.5	9.0	12.0	26.0	12.0	22.0
B/PG11-M20/TC	PG11	M20x1.5	9.0	12.0	26.0	12.0	22.0
B/PG13-M20/TC	PG13.5	M20x1.5	9.0	13.0	26.0	15.5	22.0
B/PG16-M25/TC	PG16	M25x1.5	9.0	13.0	26.0	18.0	27.0
B/PG21-M32/TC	PG21	M32x1.5	10.0	12.0	26.0	32.5	34.0
B/PG29-M40/TC	PG29	M40x1.5	9.8	16.7	28.5	30.5	ø44.0
B/M16-PG9/TC	M16x1.5	PG9	9.0	12.0	26.0	12.0	22.0
B/M20-PG11/TC	M20x1.5	PG11	9.5	7.5	20.0	16.0	24.0
B/M20-PG13/TC	M20x1.5	PG13.5	12.5	12.0	28.5	15.5	22.0
B/M20-PG16/TC	M20x1.5	PG16	12.5	13.0	29.5	15.5	25.4
B/M20-PG21/TC	M20x1.5	PG21	9.5	12.0	24.5	15.5	31.8
B/M25-PG21/TC	M25x1.5	PG21	9.5	12.0	24.5	19.1	32.0
B/M32-PG29/TC	M32x1.5	PG29	12.0	9.5	25.0	26.5	42.0
B/050-M16/TC	1/2” NPT	M16x1.5	10.0	10.0	25.5	14.0	22.0
B/050-M20/TC	1/2” NPT	M20x1.5	9.5	12.0	25.5	16.0	22.0
B/M20-050/TC	M20x1.5	1/2” NPT	9.5	12.0	25.5	15.5	24.5
B/PG11-050/TC	PG11	1/2” NPT	7.5	12.0	22.5	13.3	24.0
B/PG16-050/TC	PG16	1/2” NPT	8.0	12.0	23.0	18.2	25.4



Cable Management Products Ltd.
CMG House - Station Road - Coleshill - B46 1HT - United Kingdom
Tel: +44(0)1675 468 222 - Fax: +44(0)1675 464 930
Technical Support e-mail: cmg.conduitsystems@tnb.com - www.adaptaflex.com

Thomas&Betts
A Member of the ABB Group

The Company’s policy is one of continuous improvement and reserves the right to change specifications at any time without prior notice.

Metallic Systems

Accessories - Thread Convertors

Chemical Resistance Chart

Key:

Suitable :

Limited Suitability :

Unsuitable :

Not Tested :

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%)	

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.

Cable Management Products Ltd.
CMG House - Station Road - Coleshill - B46 1HT - United Kingdom
Tel: +44(0)1675 468 222 - Fax: +44(0)1675 464 930
Technical Support e-mail: cmg.conduitsystems@tnb.com - www.adaptaflex.com

Thomas&Betts
A Member of the ABB Group

The Company's policy is one of continuous improvement and reserves the right to change specifications at any time without prior notice.