

TFII Explosion proof stainless steel flexible conduit

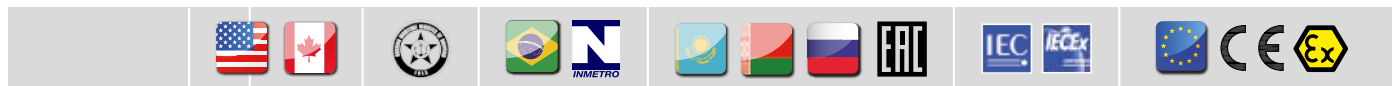
Explosion Proof Electrical Equipment



Ex Conduit fittings

Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G 2D



REFERENCE STANDARDS

Directive 94/9/EC (until April 19th, 2016) and Directive 2014/34/EU (from April 20th, 2016)

EXECUTION	<ul style="list-style-type: none"> ⊗ II 2 G Ex d IIC Gb ⊗ II 2 D Ex tb IIIC Db
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-31
EC Type-Examination Certificate	INERIS 12 ATEX9012U
PROTECTION DEGREE	IP66/67
AMBIENT TEMPERATURE	-50°C ÷ +130°C
OTHER AVAILABLE CERTIFICATES	<ul style="list-style-type: none"> IECEX: IECEX INE 12.0043U INMETRO: CEPEL 13.2241 EAC: TC RU C-IT.ГБ08.B 01624 (-60°C ÷ +130°C) RUSSIAN MARINE CERTIFICATE (RMRS): 13.03518.315 UL NEC-505: 20131204-E465038

Mechanical characteristics

Internal flexible pipe	stainless steel
External braid	stainless steel
Terminals	threaded terminals in stainless steel or cold galvanized steel

Applications

FLEXIBLE CONDUITS ARE INSTALLED WHERE CONNECTIONS MUST BE MADE TO EQUIPMENT SUBJECT TO VIBRATIONS: MOTORS, PUMPS, ETC. ALSO FAVOURED FOR CONNECTION TO PEDANT LIGHTING FITTING AND AT BENDS WHERE RIGID CONDUITS IS DIFFICULT TO HANDLE.

On Request Accessories:

- Different lengths from standard
- PVC coating
- Female thread end terminal
- Male or female thread revolving end terminal



TFII Technical Features

SIZE	THREAD*	INTERNAL DIA. [ØA] [mm]	EXTERNAL DIA. [ØB] [mm]	C - LENGHT [mm]	TERMINAL'S MATERIAL
01	(1/2")	12	21,5	300	IN (stainless steel)-AC (galvanized steel)
02	(3/4)	19	29	300	IN (stainless steel)-AC (galvanized steel)
03	(1")	25	37,5	400	IN (stainless steel)-AC (galvanized steel)
04	(1-1/4")	32	46,8	400	IN (stainless steel)-AC (galvanized steel)
05	(1-1/2")	38	53	400	IN (stainless steel)-AC (galvanized steel)
06	(2")	50	68	400	IN (stainless steel)-AC (galvanized steel)
07	(2-1/2")	63	85	400	IN (stainless steel)-AC (galvanized steel)
08	(3")	75	99	400	IN (stainless steel)-AC (galvanized steel)
010	(4")	100	122	400	IN (stainless steel)-AC (galvanized steel)

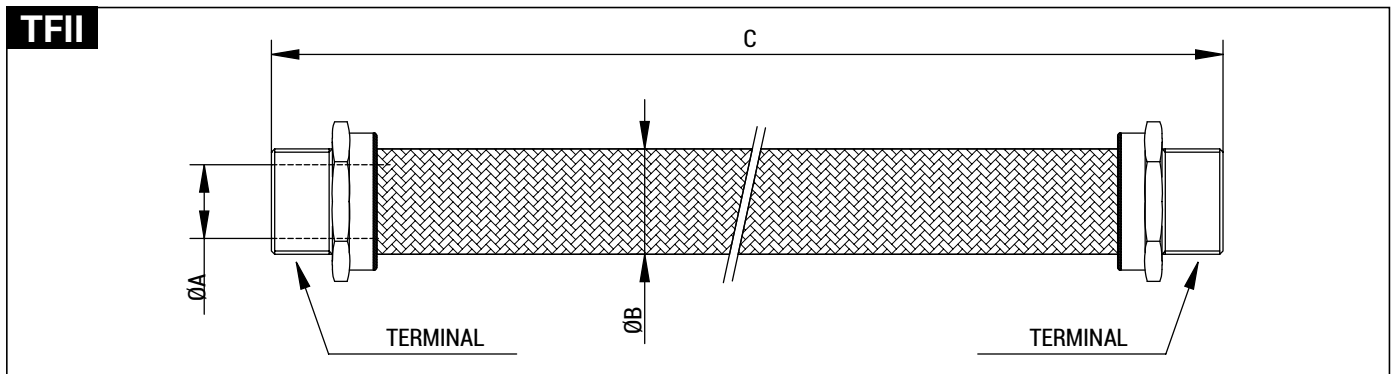
*REMARK: please add "N" sentence after code "TFII" to identify the terminal ends thread npt (ASA B2.1).
The only code "TFII" identifies UNI-6125 terminal ends thread

	C - LENGHT [mm]	SIZE	TERMINAL'S MATERIAL
TFII#	0500	02	IN
TFII#	1000	06	AC

EXAMPLE 1: TFII#50002IN = Flexible Conduit 3/4" Dia. 500mm total length c/w stainless steel NPT thread fixed male terminal ends

EXAMPLE 2: TFII#100006IN = Flexible Conduit 2" Dia. 1000mm total length c/w galvanized steel UNI-6125 thread fixed male terminal ends

Reference Details



TFII Standard lengths

STANDARD LENGTHS [mm]	FLEXIBLE CONDUIT SIZE							
	01	02	03	04	05	06	07	08
300	X	X	-	-	-	-	-	-
400	X	X	X	X	X	X	X	X
450	X	X	X	X	X	X	X	X
500	X	X	X	X	X	X	X	X
600	X	X	X	X	X	X	X	X
700	X	X	X	X	X	X	X	X
800	X	X	X	X	X	X	X	X
900	X	X	X	X	X	X	X	X
1000	X	X	X	X	X	X	X	X

*FLEX. CONDUIT PIPES WITH LENGTHS DIFFERENT THAN STANDARD, PLEASE CONTACT OUR SALES DEPT.

REMARK:

Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.