

DATA SHEET	6180 4261
FIPLOCK® NPT	Valid from: 15.03.2018

Our one-piece FIPLOCK® NPT connector for cable protection, with a NPT connection thread, made of specially modified, zero-halogen polyamide 6 is self-extinguishing and resistant against most chemical media commonly used. Due to its excellent UV-resistance, FIPLOCK® NPT is also perfectly suited for outdoor installations. With our brand new 360° interlocking system and an inside conduit seal, FIPLOCK® NPT complies with the highest possible protection class IP69 in combination with our FIPLOCK® corrugated conduits with fine and coarse profile. Being delivered in a pre-assembled state and easy to re-open by using a commercially available slotted screwdriver, FIPLOCK® NPT ensures significant time saving during installation and disassembly.



Fits with all corrugated conduits NW7-NW48 with fine and coarse profile.

Material:

PA6 MOD BS SGA

Technical Features:

Connecting thread
Nominal wide
Protection class

NPT 3/8" up to NPT 2"
NW 10 up to NW 48
IP66, IP67, IP68 and IP69 (IP69K) acc. to EN 60529
Depending on the used conduit

Temperature range

-50°C up to +120°C

Additional features:

Notched bar impact test
Fire classification
Fire hazardous level
Free of halogen und cadmium
UV and weathering resistance

7-25 kJ/m² acc. to ISO 180
V0 acc. to UL94
HL3 (R22 and R23) acc. to EN 45545-2
acc. to IS FIP

Color:

Black
Grey



Approbation:

Reference standards:

DIN EN 61386-1
DIN EN 61386-22
DIN EN 61386-23

Suitable conduits:

SILVYN® SPLIT
FIPLOCK® FPAF
FIPLOCK® HPAF
FIPLOCK® FPDF
FIPLOCK® HPDF

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

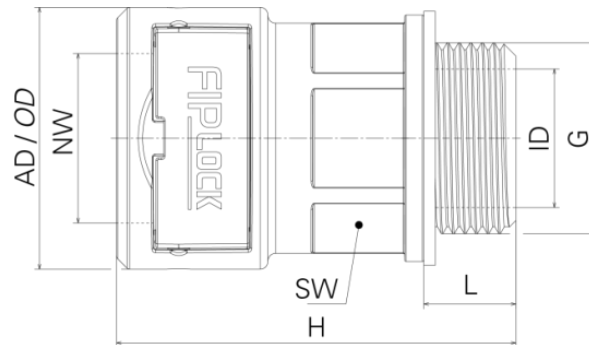
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Product drawing:



Dimension table:

Part No.	NW	Thread G	Thread- length L mm	Length		Inner Diameter ID mm	Outer Diameter AD/OD mm	SW	Weight g
				H mm					
FIPLOCK® NPT Black									
6180 4261	10	NPT 3/8"	10,4	39,4		9,8	24,7	20	9,4
6180 4262	12	NPT 1/2"	13,5	44,5		13,0	28,5	22	12,7
6180 4263	17	NPT 1/2"	13,5	53,6		13,0	34,0	27	19,2
6180 4264	23	NPT 3/4"	14,0	54,1		18,4	41,7	26	28,3
6180 4265	29	NPT 1"	17,3	57,7		24,1	48,4	41	33,0
6180 4266	36	NPT 1-1/4"	18,0	71,7		32,2	59,7	52	67,7
6180 4267	48	NPT 1-1/2"	18,4	72,1		38,8	71,0	65	86,0
6180 4268	48	NPT 2"	19,2	72,9		50,8	71,0	65	87,2
FIPLOCK® NPT Grey									
6180 4269	10	NPT 3/8"	10,4	39,4		9,8	24,7	20	9,4
6180 4270	12	NPT 1/2"	13,5	44,5		13,0	28,5	22	12,7
6180 4271	17	NPT 1/2"	13,5	53,6		13,0	34,0	27	19,2
6180 4272	23	NPT 3/4"	14,0	54,1		18,4	41,7	26	28,3
6180 4273	29	NPT 1"	17,3	57,7		24,1	48,4	41	33,0
6180 4274	36	NPT 1-1/4"	18,0	71,7		32,2	59,7	52	67,7
6180 4275	48	NPT 1-1/2"	18,4	72,1		38,8	71,0	65	86,0
6180 4276	48	NPT 2"	19,2	72,9		50,8	71,0	65	87,2