

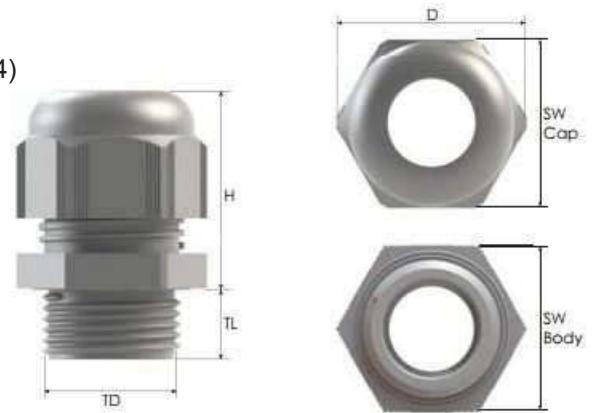
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Numbers: PNC3/8-PNC1  
Spec Number: PNC  
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Issue: 1  
Issue Date: 11/01/2017  
Effective Date: 11/13/2017

**A. Technical Details**

- 1) Material
  - a) Body PA 6 (Polyamide 6)
  - b) Cap PA 6 (Polyamide 6)
  - c) Seal CR (Chloroprene Rubber)
- 2) Color
  - a) Gray, RAL 7001
- 3) Protection Class
  - a) IP 68 5 Bar, 30 min
  - b) IP 66
- 4) Flammability
  - a) V2 (According to UL94)
- 5) Temperature Rating
  - a) Permanent -20°C to +100°C
  - b) Intermittent -30°C to +150°C
- 6) Thread Type
  - a) NPT according to ANSI B1.20.1
- 7) Approvals
  - a) UL UL 514
  - b) CSA CSA C22.2



Size	Clamping Range Ø min-max		Thread Length TL		Thread Ø TD		Spanner Width				Outer Ø D		Max. Height H		Part Number
	mm	inch	mm	inch	mm	inch	SW CAP mm	SW CAP Inch	SW BODY mm	SW BODY Inch	mm	inch	mm	inch	
NPT-3/8"	5,0-10,0	0.197-0.394	15	0.591	17,14	0.675	22	0.866	22	0.866	25,0	0.984	29,0	1,141	PNC3/8
NPT-1/2"	6,0-12,0	0.236-0.472	15	0.591	21,34	0.84	24	0.945	24	0.945	27,0	1.063	29,0	1,141	PNC1/2
NPT-1/2"	10,0-14,0	0.394-0.551	11	0.433	21,34	0.84	27	1.063	27	1.063	30,9	1.217	31,0	1,220	PNC1/2W
NPT-3/4"	13,0-18,0	0.512-0.709	15	0.591	26,67	1.05	33	1.299	33	1.299	38,0	1.496	37,0	1,456	PNC3/4
NPT 1"	18,0-25,0	0.709-0.984	18	0.709	33,40	1.315	42	1.654	42	1.654	47,3	1.862	41,0	1,614	PNC1

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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