

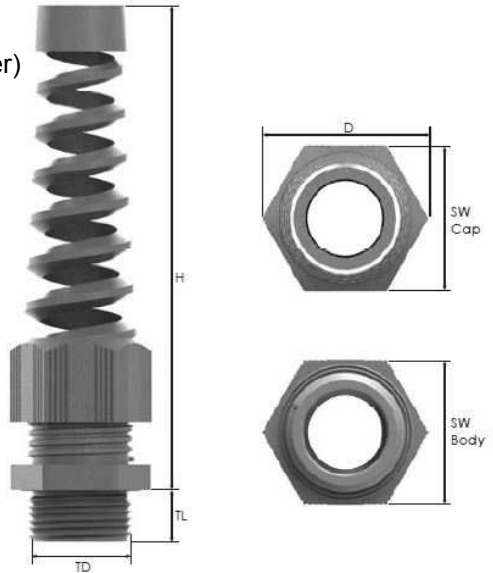
**ALPHA WIRE COMPANY**  
**CUSTOMER PRODUCT SPECIFICATION**

Part Numbers: PMS3/8-PMS3/4  
Spec Number: PMS NPT  
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Issue: 1  
Issue Date: 11/01/2017  
Effective Date: 11/13/2017

**A. Technical Details**

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|--|---|
| <ul style="list-style-type: none"> <li>1) Material             <ul style="list-style-type: none"> <li>a) Body</li> <li>b) Cap</li> <li>c) Seal</li> </ul> </li> <li>2) Color             <ul style="list-style-type: none"> <li>a) Gray, RAL 7001</li> </ul> </li> <li>3) Protection Class             <ul style="list-style-type: none"> <li>a) IP 68</li> <li>b) IP 66</li> </ul> </li> <li>4) Flammability             <ul style="list-style-type: none"> <li>a) V2</li> </ul> </li> <li>5) Temperature Rating             <ul style="list-style-type: none"> <li>a) Permanent</li> <li>b) Intermittent</li> </ul> </li> <li>6) Thread Type             <ul style="list-style-type: none"> <li>a)</li> <li>b)</li> </ul> </li> <li>7) Approvals             <ul style="list-style-type: none"> <li>a) UL</li> <li>b) CSA</li> </ul> </li> </ul> | <p>PA 6 (Polyamide 6)<br/>PA 6 (Polyamide 6)<br/>CR (Chloroprene Rubber)</p> <p>5 Bar, 30 min</p> <p>(According to UL94)</p> <p>-20°C to +100°C<br/>-30°C to +150°C</p> <p>UL 514<br/>CSA C22.2</p> |
|--|---|



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		SW BODY		mm	inch	mm	inch	
NPT-3/8"	5,0-10,0	0.197-0.394	15,0	0.591	17,14	0.673	22	0.866	22	0.866	25,3	0.996	81,5	3.169	PNS3/8
NPT-1/2"	6,0-12,0	0.236-0.472	15,0	0.591	21,34	0.839	24	0.945	24	0.945	27,6	1.087	93,3	3.72	PNS1/2
NPT-3/4"	13,0-18,0	0.512-0.709	15,0	0.591	26,67	1.051	33	1.299	33	1.299	38,0	1.496	117,9	4.606	PNS3/4

**B. Packaging Requirements**

- 1) Standard Package 10 glands per package

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