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REV.
C

AS4473™

FEDERAL SUPPLY CLASS
4720

RATIONALE

CORRECT NOTE /8/ WORDING.

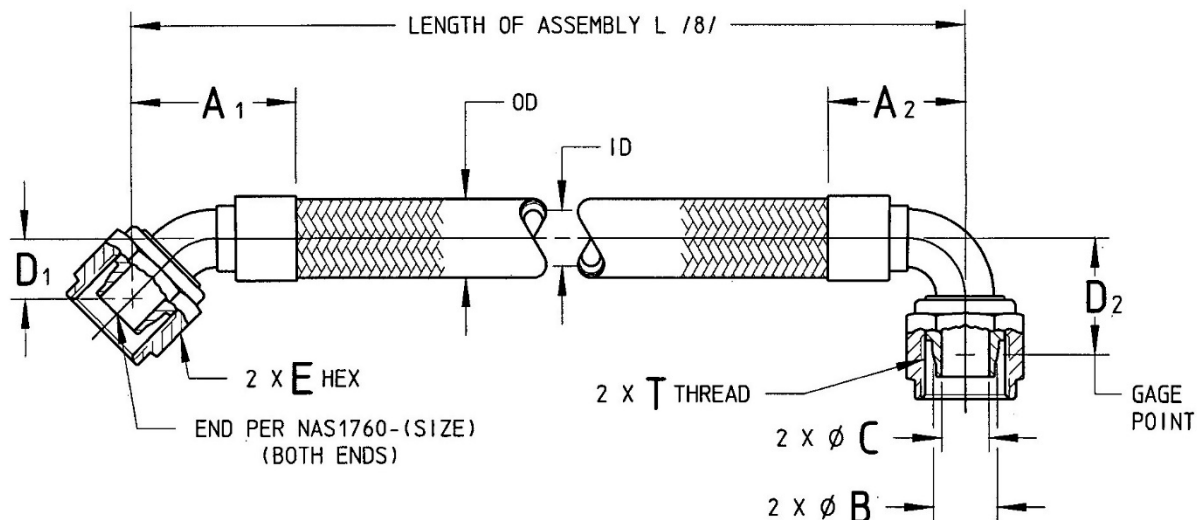


FIGURE 1 - HOSE ASSEMBLY

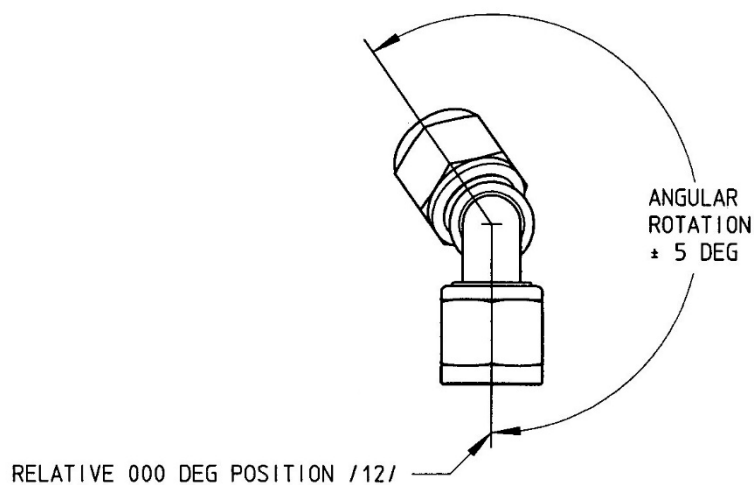
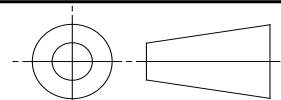


FIGURE 2 - FITTING ANGULAR ORIENTATION

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS4468 /2/



AEROSPACE STANDARD

HOSE ASSEMBLY, LINED SILICONE,
125 PSI, FLARELESS, POTABLE WATER,
45° TO 90°

AS4473™
SHEET 1 OF 3

REV.
C

Documents

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TABLE 1 - HOSE ASSEMBLY DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER AS8879 (REF)	E HEX ACROSS			
			FLATS (REF)	ID (REF)	OD MIN	OD MAX
AS4473E	.250	.4375-20UNJF-3B	.56	.250	.37	.48
AS4473G	.375	.5625-18UNJF-3B	.69	.375	.53	.59
AS4473H	.500	.7500-16UNJF-3B	.88	.500	.65	.73
AS4473J	.625	.8750-14UNJF-3B	1.00	.625	.81	.85
AS4473K	.750	1.0625-12UNJ-3B	1.25	.750	.94	.98
AS4473M	1.000	1.3125-12UNJ-3B	1.50	1.000	1.19	1.23

TABLE 2 - END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE ASSY SIZE (REF)	A ₁		A ₂		B		C		D ₁		D ₂	
		MAX	MAX	MAX	MAX	GAGE	(REF)	MIN	MAX	MIN	MAX	MIN	MAX
AS4473E	.250	1.44	1.24	.2930	.174	.34	.44	.66	.81				
AS4473G	.375	1.56	1.32	.4120	.291	.42	.57	.75	.85				
AS4473H	.500	1.64	1.44	.5600	.409	.49	.61	.98	1.11				
AS4473J	.625	1.83	1.58	.6730	.495	.59	.71	1.21	1.33				
AS4473K	.750	2.19	2.05	.8100	.646	.61	.77	1.37	1.57				
AS4473M	1.000	2.42	2.17	1.0620	.898	.74	.85	1.62	1.76				

TABLE 3 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH	PREFERRED INCREMENTS	TOLERANCE
UNDER 18 INCHES	(NOT LESS THAN) .125	+.125/-.125
18 TO 36 INCHES EXCLUSIVE	(NOT LESS THAN) .250	+.250/-.250
36 TO 100 INCHES EXCLUSIVE	(NOT LESS THAN) .500	+.375/-.375
100 INCHES AND OVER	(NOT LESS THAN) 1.000	+.5%/-.500

TABLE 4 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE LB/IN NOM (REF)	END FITTING		HOSE LENGTH CORRECTION FACTOR, INCH /9/ 45°	HOSE LENGTH CORRECTION FACTOR, INCH /9/ 90°
		LB/EA 45° NOM (REF)	LB/EA 90° NOM (REF)		
E	.0038	.049	.050	.81	.61
G	.0064	.075	.077	.93	.64
H	.0081	.120	.125	1.01	.77
J	.0111	.167	.176	1.20	.95
K	.0137	.281	.295	1.41	1.26
M	.0182	.399	.419	1.63	1.39

NOTES:

1. MATERIAL AND FINISH: PER AS4468, TABLE 1. ALL FITTING COMPONENTS 300 SERIES CORROSION RESISTANT STEEL, PASSIVATED.
2. PROCUREMENT SPECIFICATION: AS4468 EXCEPT AS SPECIFIED ON THIS STANDARD. PRODUCT SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED AND ASSEMBLED BY AN ACCREDITED MANUFACTURER OR ASSEMBLED BY AN ACCREDITED DISTRIBUTOR LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL) PRI QPL AS4468 FOR THIS STANDARD. SEE www.eAuditNet.com FOR CURRENT QPL ON LINE.
3. INTENDED USE: THESE HOSE ASSEMBLIES ARE INTENDED FOR USE IN POTABLE WATER SYSTEM INSTALLATIONS WHERE A HIGH DEGREE OF FLEXIBILITY IS REQUIRED.

	AEROSPACE STANDARD	AS4473™ SHEET 2 OF 3	REV. C
	HOSE ASSEMBLY, LINED SILICONE, 125 PSI, FLARELESS, POTABLE WATER, 45° TO 90°		



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