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REV. A
AS1292™

FEDERAL SUPPLY CLASS

RATIONALE

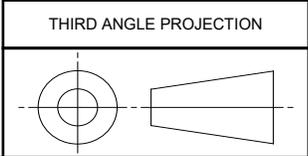
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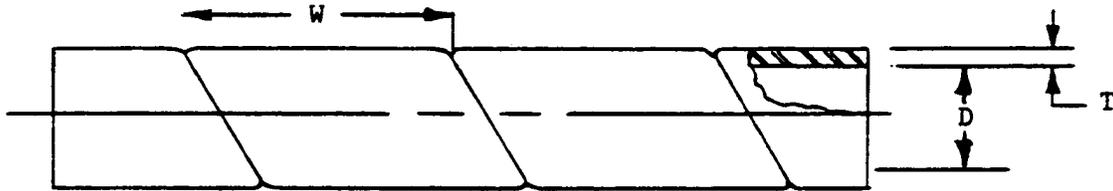
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CUSTODIAN: G-3		PROCUREMENT SPECIFICATION:	
	AEROSPACE STANDARD		AS1292™
	SLEEVE, HOSE ASSEMBLY, CHAFE GUARD, BUTYRATE COIL		

ISSUED 1973-05 REAFFIRMED 2014-10 STABILIZED 2023-12



Size	D* Inside Diameter						T Wall Thickness + .010		W + .12				Size Selection Based On Hose O. D. To Be Covered			
	Nominal		Maximum		Minimum		in.	mm	in.	mm	Maximum		Minimum			
	in.	mm	in.	mm	in.	mm					in.	mm	in.	mm	in.	mm
-1	.250	6.35	.275	6.99	.225	5.72	.05	1.27	.250	6.35	.750	19.05	.243	6.17		
-2	.750	19.05	.775	19.69	.725	18.42	.07	1.78	.380	9.65	1.875	47.63	.751	19.08		
-3	1.875	47.63	2.00	50.80	1.850	46.99	.15	3.81	.670	15.75	4.000	101.60	1.876	47.65		

* The min./max. I. D. dimensions shown refer to the extruded tube before cutting the helix. The nominal I. D. dimensions shown are reference only.

- 1.1 **Usage:** Used as an outer protective cover on hose and/or hose assemblies to prevent harmful abrasion and to prolong service life. Additionally, this sleeve is intended to facilitate repair to damaged chafe sleeve without having to disconnect the hose assembly from the installation.
- 1.2 **Material:** Lightweight, cellulose acetate butyrate coil. Principally, this coil will be black; however, other colors may also be utilized, depending on the supplier and the requirements of the application.
- 1.3 **Resistance:** This sleeve shall have good resistance to abrasion, moisture, weather conditions, hydraulic fluids, fuels, and most other fluids used in aircraft applications.
- 1.4 **Physical Properties:** Good tensile strength and an ability to retain useful flexibility, mechanical strength, and elongation within a reasonable temperature range as specified in para. 1.5.
- 1.5 **Temperatures:** Suitable for most applications within the range of 0° F thru +200° F (-17.8° C thru +93° C).
- 1.6 **Identification:** Sleeve shall be identified by full (AS) part number (see para. 1.9.4) on a nonmetallic tag attached to the sleeve. The tag shall also bear the manufacturer's name or trademark.
- 1.7 **Selection of Size:** Use the "Size Selection" column on the chart to determine the desired sleeve size for a particular hose whose measured O. D. falls within the O. D. ranges listed.
- 1.8 **Installation:** The sleeve may be spirally wrapped onto the hose or hose assembly prior to or following the attachment of the second end fitting. Proper selection of the sleeve size will insure a snug fit and will prevent the sleeve from slipping on the hose assembly.

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