

PART NUMBER	I.D. (REF) mm [in]	O.D. (REF) mm [in]	OPERATING PRESSURE bar [psi]	MIN. BURST PRESSURE bar [psi]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
H03912	19.0 [.75]	30.0 [1.18]	21 [305]	84 [1220]	40 [1.57]	0.65 [.44]
H03916	25.4 [1.00]	37.1 [1.46]	17 [245]	68 [980]	45 [1.77]	0.77 [.52]
H03920	31.8 [1.25]	44.8 [1.76]	14 [205]	56 [820]	60 [2.36]	1.12 [.75]
H03924	38.1 [1.50]	51.2 [2.01]	10.5 [150]	42 [600]	65 [2.56]	1.26 [.85]
H03932	50.8 [2.00]	64.8 [2.55]	7 [100]	28 [400]	100 [3.94]	1.73 [1.16]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	1) I.D. WAS 19.1 [.75] 2) UPDATED OPERATING PRESSURE FOR ALL DASH SIZES. 3) UPDATED BURST PRESSURE FOR ALL DASH SIZES. 4) REVISED NOTE #3	2013-06-03 SPG/PSW	0083959-ECO
B	1) 31 [1.22] WAS 32.5[1.28]. 2) REMOVED (SHOP ORDER #) FROM LAYLINE IDENTIFICATION.	2020-10-15 AAG/PAI	CO-0209427
C	1) MSHA APPROVAL CODE WAS MSHA IC-84/24.	2020-10-30 AKG/PAI	CO-0210184
D	1) UPDATED MIN. BEND RADIUS FOR ALL SIZES.	2021-07-26 TMH	CO-0219322
E	1) UPDATED NOTE #1	2022-02-16 AAG/ADP	CO-0222389
F	1) UPDATED O.D. VALUES FROM MAX. TO REF FOR ALL SIZES. 2) UPDATED NOTE #3 FOR LAYLINE IDENTIFICATION. 3) SUBTITLE 1 WAS "2 FABRIC PLY, WIRE INSERTED".	2022-05-05 TMH	CO-0223539

9. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].

8. WHEN HOSE IS USED IN CONJUNCTION WITH BAND CLAMPS, OPERATING PRESSURE SHALL NOT EXCEED 3 BAR [50 PSI].

7. WHEN HOSE IS USED IN CONJUNCTION WITH BAND CLAMPS, OPERATING PRESSURE SHALL NOT EXCEED 5 BAR [70 PSI].

6. WHEN HOSE IS USED IN CONJUNCTION WITH BAND CLAMPS, OPERATING PRESSURE SHALL NOT EXCEED 7 BAR [100 PSI].

5. VACUUM RATING: 711 MM OF MERCURY [28 INCHES OF MERCURY].

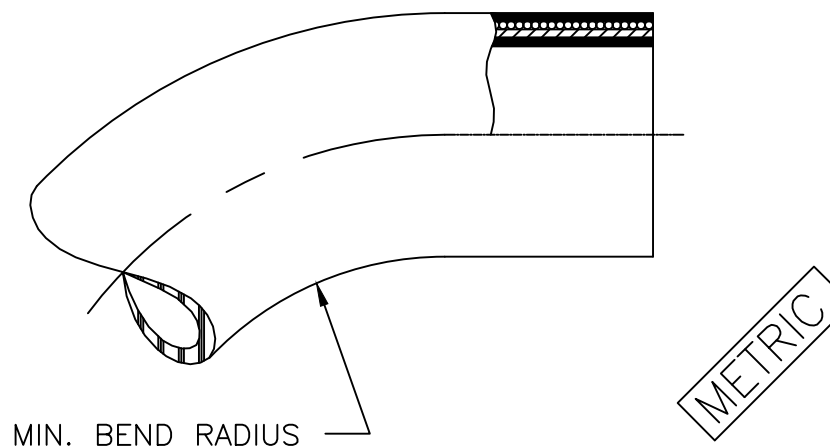
4. TEMPERATURE RANGE:
-40°C TO +135°C [-40°F TO +275°F];
CONSULT EATON FOR MAXIMUM TEMPERATURE RECOMMENDATIONS FOR CHEMICAL TRANSFER SERVICE.

3. EXAMPLE OF LAYLINE IDENTIFICATION: FOR 12 SIZE,
INK TRANSFER:
"Weatherhead by Danfoss H03912 19.0 MM (0.75 IN) DN19 Dura-Tuff Exceeds SAE 100R4, ABS MSHA IC-84/19, USCG \oplus (PRESSURE GAGE) 21 BAR (305 PSI) (TEMP GAGE) -40°C to +135°C (-40°F to +275°F) (BEND LOGO) 1/3 Bend FITTING SERIES (FITTING LOGO)".

INK-JET:
"YYYY-MM-DD MADE IN USA -/-// LOT CODE".

2. APPLICATION:
SUCTION APPLICATIONS FOR HYDRAULICS, CRUDE FUEL, LUBRICATING OILS, GASOLINE, AIR, WATER AND CHEMICAL TRANSFER.

1. CONSTRUCTION:
CPE RUBBER INNER TUBE, FABRIC REINFORCEMENT, SPIRAL BODY WIRE,
FABRIC REINFORCEMENT AND SYNTH (NBR/PVC) RUBBER COVER.



FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN B. THOMAS	
		CHECKED W. HYDE	
		APPROVED J. SARK	
		RELEASE DATE 2003-04-17	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		WEATHERHEAD HOSE FABRIC REINFORCED, RUBBER COVER SAE 100R4	
EN-F24430 DP-1511	CAGE CODE 01276	DRAWING NUMBER H039	REV F
THIRD ANGLE PROJECTION	DIST U		
	SIZE A3		
	SCALE NONE		
	SHEET 1		

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