

| | | | |
|---|--|--|--|
| Part Name <u>GROM WIR</u> | | Cust. Part Number <u>MU5T-14603-TA</u> | |
| Shown on Drawing No. <u>MU5T-14603-TA</u> | | Org. Part Number <u>7235-0861-30</u> | |
| Engineering Change Level <u>AELE E 13777777 335</u> | | Dated <u>20210609</u> | |
| Additional Engineering Changes <u>N/A</u> | | Dated <u>N/A</u> | |
| Safety and/or Government Regulation <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Purchase Order No. <u>N/A</u> | Weight (kg) <u>0.092</u> | |
| Checking Aid No. <u>N/A</u> | Checking Aid Engineering Change Level <u>N/A</u> | Dated <u>N/A</u> | |

| | | | |
|---|--|---|---------|
| ORGANIZATION MANUFACTURING INFORMATION | | CUSTOMER SUBMITTAL INFORMATION | |
| YAZAKI EUROPE LTD <u>323047696</u> | | Nursan | |
| Organization Name & Supplier/Vendor Code | | Customer Name/Division | |
| Richard-Byrd-Strasse 4-6a | | | |
| Street Address | | Buyer/Buyer Code | |
| Cologne | NRW | D-50829 | Germany |
| City | Region | Postal Code | Country |
| MATERIALS REPORTING | | FORD | |
| Has customer-required Substances of Concern information been reported? | | Application | |
| <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> n/a | | | |
| Submitted by IMDS or other customer format: | | IMDS | |
| | | IMDS ID: <u>1128456963/1</u> | |
| Are polymeric parts identified with appropriate ISO marking codes? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a | |
| REASON FOR SUBMISSION (Check at least one) | | | |
| <input checked="" type="checkbox"/> Initial submission | <input type="checkbox"/> Change to Optional Construction or Material | | |
| <input type="checkbox"/> Engineering Change(s) | <input type="checkbox"/> Supplier or Material Source Change | | |
| <input type="checkbox"/> Tooling: Transfer, Replacement, Refurbishment, or additional | <input type="checkbox"/> Change in Part Processing | | |
| <input type="checkbox"/> Correction of Discrepancy | <input type="checkbox"/> Parts produced at Additional Location | | |
| <input type="checkbox"/> Tooling Inactive > than 1 year | <input type="checkbox"/> Other - please specify below | | |
| | | customer request | |
| REQUESTED SUBMISSION LEVEL (Check one) | | | |
| <input type="checkbox"/> Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer. | | | |
| <input checked="" type="checkbox"/> Level 2 - Warrant with product samples and limited supporting data submitted to customer. | | | |
| <input type="checkbox"/> Level 3 - Warrant with product samples and complete supporting data submitted to customer. | | | |
| <input type="checkbox"/> Level 4 - Warrant and other requirements as defined by customer. | | | |
| <input type="checkbox"/> Level 5 - Warrant with product samples and complete supporting data reviewed at organization's manufacturing location. | | | |
| SUBMISSION RESULTS | | | |
| The results for <input checked="" type="checkbox"/> dimensional measurements | | <input checked="" type="checkbox"/> material and functional tests | |
| These results meet all drawing and specification requirements: | | <input type="checkbox"/> appearance criteria <input type="checkbox"/> statistical process package | |
| Mold / Cavity / Production Process | | <input type="checkbox"/> NO (If "NO" - Explanation Required) | |
| <u>serial mould low volume, 1 cavity</u> | | | |
| DECLARATION | | | |
| I affirm that the samples represented by this warrant are representative of our parts which were made by a process that meets all Production Part Approval Process Manual 4th Edition Requirements. I further affirm that these samples were produced at the production rate of 96 / 8 hours. | | | |
| I also certify that documented evidence of such compliance is on file and available for review. I have noted any deviations from this declaration below. | | | |
| EXPLANATION/COMMENTS: <u>THIS IS A PURCHASED PART, MANUFACTURED BY DF Elastomer Solutions, DISTRIBUTED BY YAZAKI EUROPE LIMITED</u> | | | |
| Is each Customer Tool properly tagged and numbered? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> n/a | | | |
| Organization Authorized Signature <u>Telmo Oliveira</u> | | Date <u>10 February 2023</u> | |
| Print Name <u>Telmo Oliveira</u> | Phone No. _____ | FAX No. _____ | |
| Title <u>QT</u> | E-mail <u>telmo.oliveira@yazaki-europe.com</u> | | |
| FOR CUSTOMER USE ONLY (IF APPLICABLE) | | | |
| PPAP Warrant Disposition: <input type="checkbox"/> Approved <input type="checkbox"/> Rejected <input type="checkbox"/> Other _____ | | | |
| Customer Signature _____ | | Date _____ | |
| Print Name _____ | | Customer Tracking No. (optional) _____ | |

Select One

☒ Phase 1
 ☐ Phase 2
 ☐ Phase 3
 ☐ Interim (Non-PPAP)

PPAP Submission Warrant



PART INFORMATION

Customer Part Name GROM WIR Customer Part Number 7235086130

Shown on Drawing Number MU5T-14603-TA Organization Part Number P002991A

Engineering Change Level AELE E 13777777 335 Dated 20210609

Additional Engineering Changes - Dated -

Safety and/or Government Regulation ☐ Yes ☒ No Purchase Order Number - Weight (kg) 0.083

Checking Aid Number - Checking Aid Engineering Change Level - Dated -

ORGANIZATION MANUFACTURING INFORMATION

DF Elastomer Solutions, Lda 455197574

Organization Name and Supplier/Vendor Code

EN 13 KM 16 - Recta do mindelo

Street Address

Vila do Conde 4485-473 Portugal

City State/Region Postal code Country

CUSTOMER SUBMITTAL INFORMATION

Yazaki

Customer Name/Division

--

Buyer/Buyer Code

V710LV

Application

MATERIALS REPORTING

Has customer-required Substances of Concern information been reported? ☒ Yes ☐ No

Submitted by IMDS or other customer format
(If submitted by IMDS, enter Module ID no., version and date transmitted) IMDS 1128456963/1

Are polymeric parts identified with appropriate ISO marking codes? ☒ Yes ☐ No ☐ n/a

REASON FOR SUBMISSION (Check at least one)

- ☒ Initial submission ☐ Tooling: Transfer, Replacement, Refurbishment, or additional
- ☐ Engineering Change(s) ☐ Tooling Inactive > than 1 year
- ☐ Correction of Discrepancy ☐ Change to Optional Construction or Material
- ☐ Other - please specify _____
- ☐ Supplier or Material Source Change
- ☐ Change in Part Processing
- ☐ Parts produced at Additional Location

REQUESTED SUBMISSION LEVEL (Select one)

- ☐ Level 1 - Warrant only (and for designated appearance items, an Appearance Approval Report) submitted to customer.
- ☒ Level 2 - Warrant with product samples and limited supporting data submitted to customer.
- ☐ Level 3 - Warrant with product samples and complete supporting data submitted to customer.
- ☐ Level 4 - Warrant and other requirements as defined by customer.
- ☐ Level 5 - Warrant with product samples and complete supporting data reviewed at supplier's manufacturing location.

SUBMISSION RESULTS

The results for ☒ dimensional measurements, ☒ material and functional tests ☐ appearance criteria ☐ statistical process package

These results meet all design requirements ☒ Yes ☐ No (If "No" - Explanation Required) _____

Mold / Cavity / Production Process serial mould low volume, 1 cavity

DECLARATION

I affirm that the samples represented by this warrant are representative of our parts which were made by a process which meets all Production Part Approval Process Manual 4th Edition requirements including all Ford-specific requirements. I further affirm that these samples were produced at the production rate of 96 / 8 hours using 1 production streams. I also certify that documented evidence of such compliance is on file and is available for review.

I have noted any exceptions from this declaration below.

EXPLANATION/COMMENTS Legal requirements covered by this PPAP can be found at www.elastomer-solutions.com

Organization Authorized Signature _____ Print Name Hernani Date 1-Jun-22

Title Quality Engineer Phone +351 252 669 010 Fax +351 252 669 012 Email hernani.matos@elastomer-solut

Is each Customer Tool properly tagged and numbered? ☒ Yes ☐ No ☐ n/a

Capacity Requirements

Source of the Program Approval requirements _____ Detail / Date _____

Program Approval (<PA>) Requirements APW _____ MPW _____

If Program Approval (<PA>) requirements are not met, indicate date when the requirements will be met _____ Date _____

Source of the revised requirements after <PA> _____ Detail / Date _____

Revised requirements after <PA> APW _____ MPW _____

If the revised requirements after <PA> are not met, indicate date when the requirements will be met _____ Date _____

Demonstrated Capacity (record in Ford Capacity System [GCP or MCPV] as Purchased Part Capacity)

Enter capacity commitment (PPC) based on Capacity Analysis APWC _____ MPPC _____

Report "Predicted Good Parts per Week" and date of analysis _____ Date _____

PPAP

Non-PPAP^{a/}

FOR FORD USE ONLY

Phased PPAP
Warrant Status
☒ Approved ☐ Rejected ☐ Interim Accepted

| | | | |
|-----------|-------------------------|------------|--------|
| Signature | <i>Rui Daniel Ramos</i> | Date | Name |
| | | 25-01-2023 | e-mail |
| Signature | Y-EMEA | Date | Name |
| | | | e-mail |

a/ Non-PPAP indicates the part does not satisfy one or more PPAP requirements and is incomplete

b/ P.D. signature for Priority suppliers on GPDS programs

Interim Status

(to be completed by the Organization)

Engineering Authorization _____

Alert or Alert Report _____

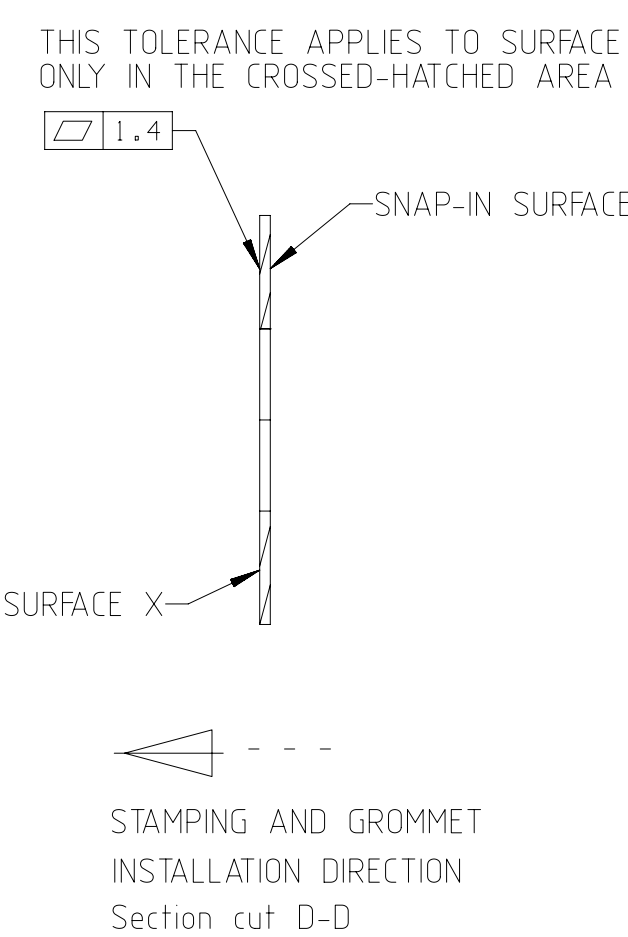
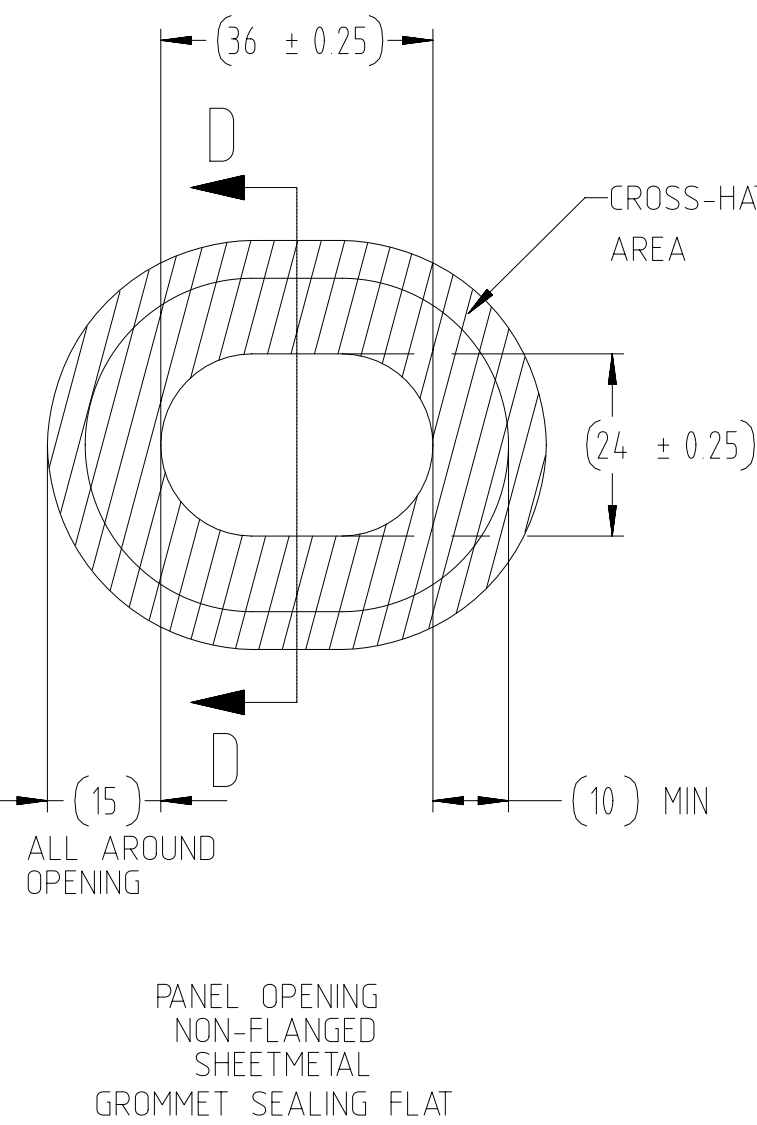
Description: _____

(Incomplete PPAP Requirements) _____

LIFTGATE BODY-SIDE

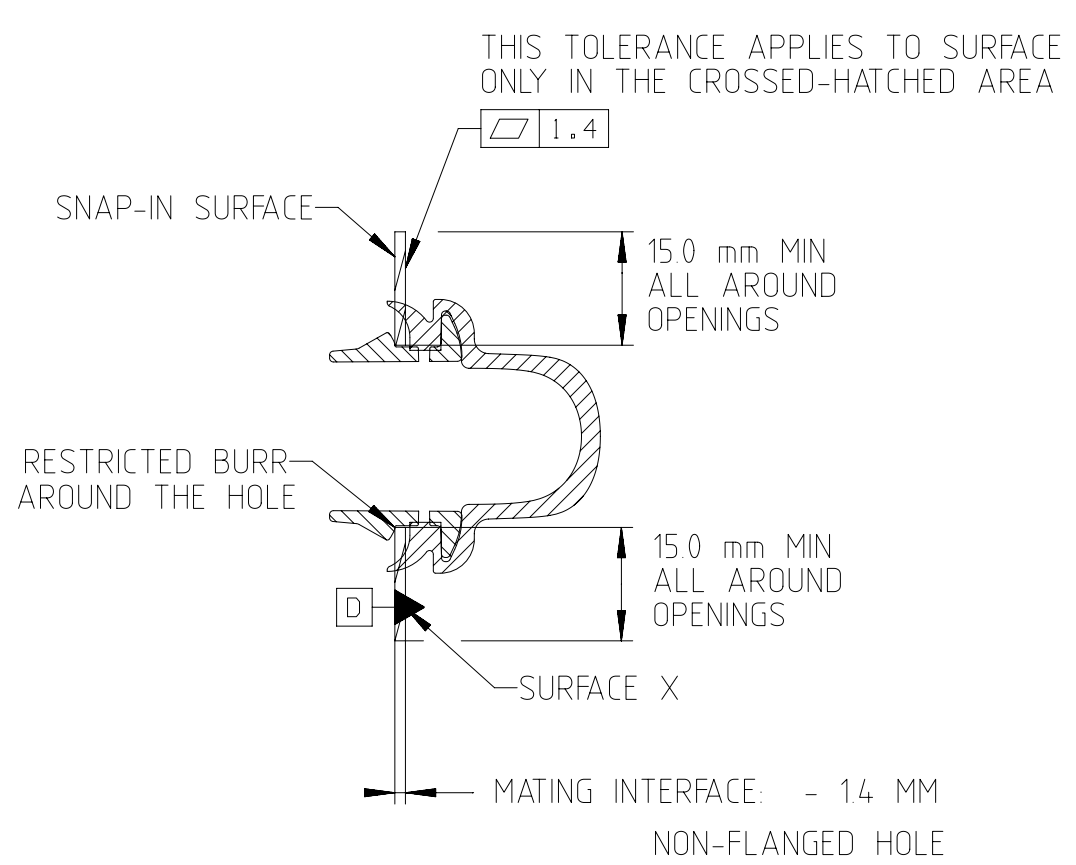
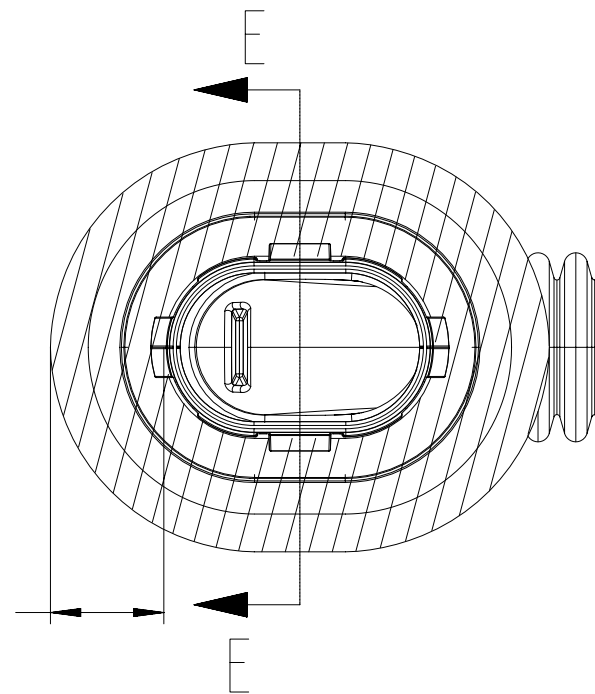
MATING PANEL FOR END DETAILED IN SECTION B-B
(FLANGED OR NON-FLANGED S/M THICKNESS 1.4 MM)

FOR THE PURPOSE OF VERIFYING GD&T,
MATH DATA TO BE CONSIDERED
BASIC DIMENSIONS



ATTACHING PANEL QUALITY

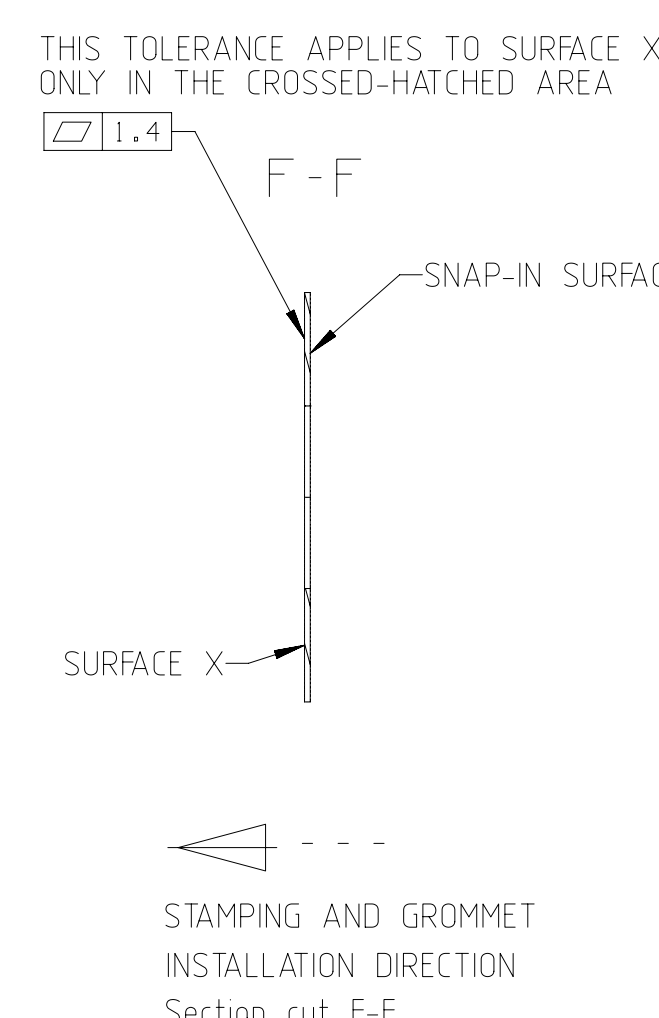
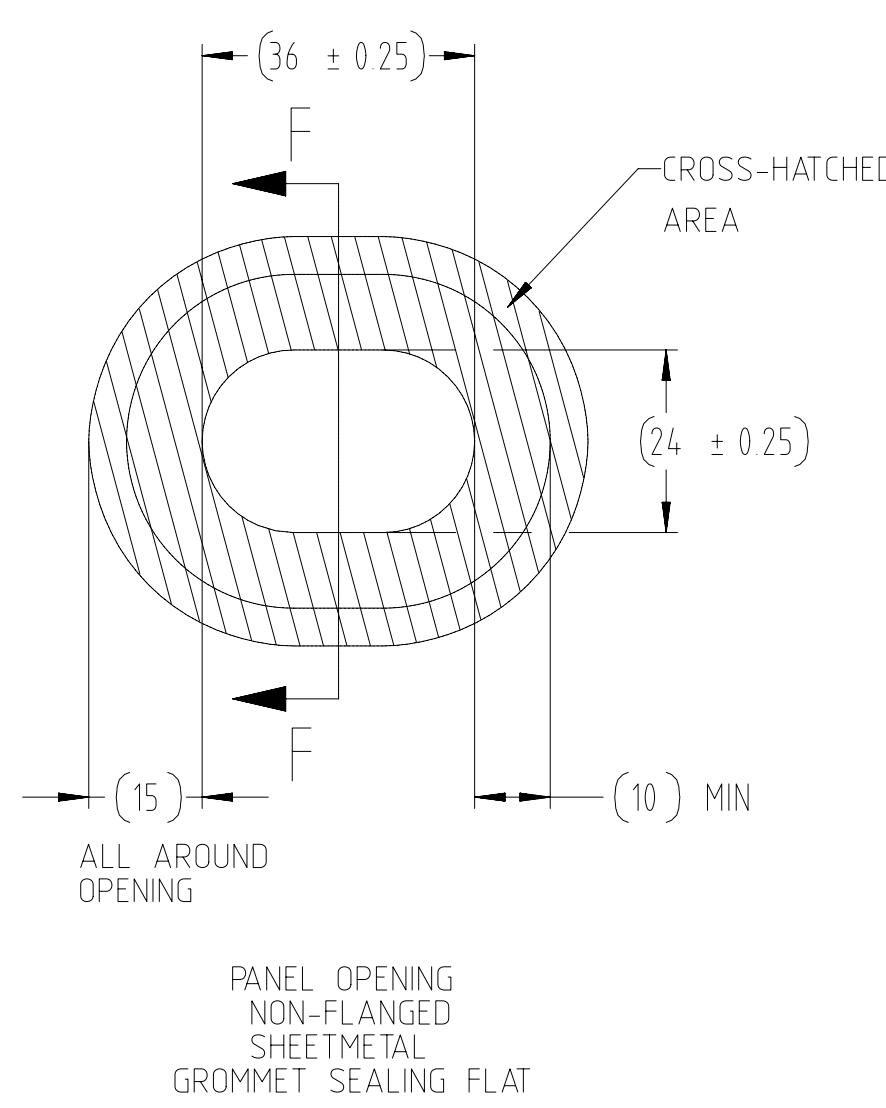
FOR THE PURPOSE OF VERIFYING GD&T,
MATH DATA TO BE CONSIDERED
BASIC DIMENSIONS



LIFTGATE DOOR-SIDE

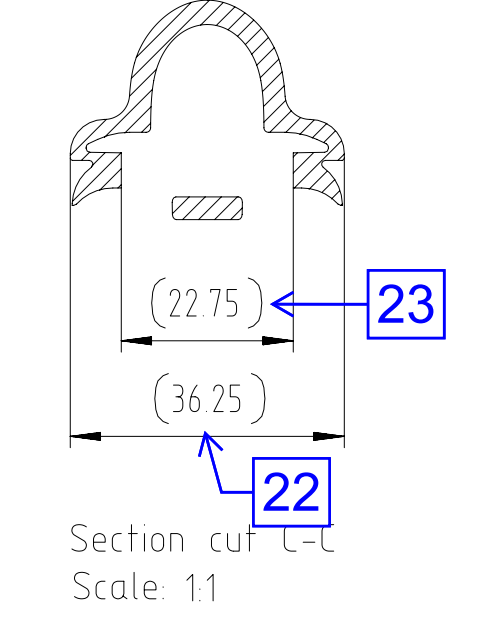
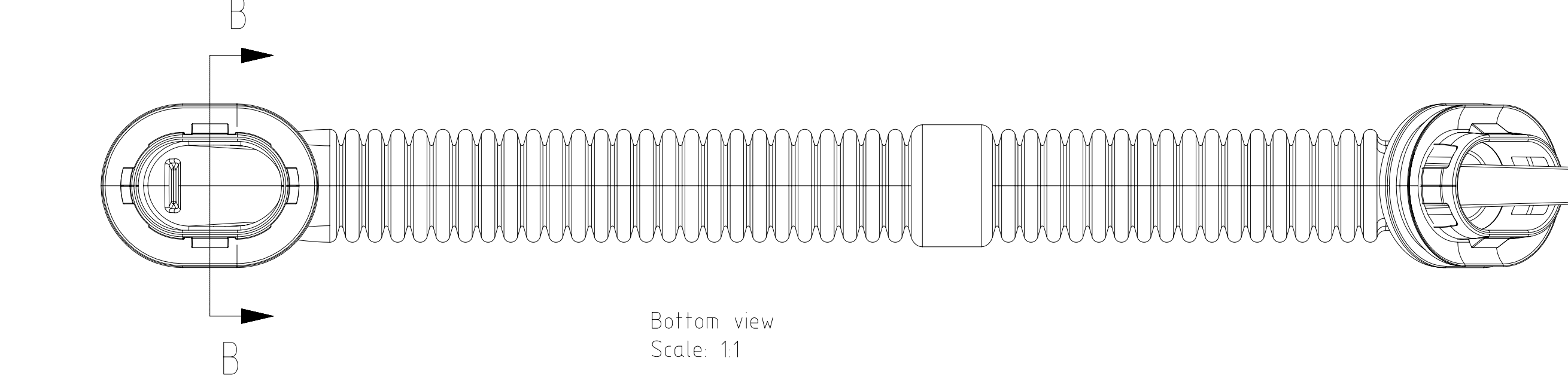
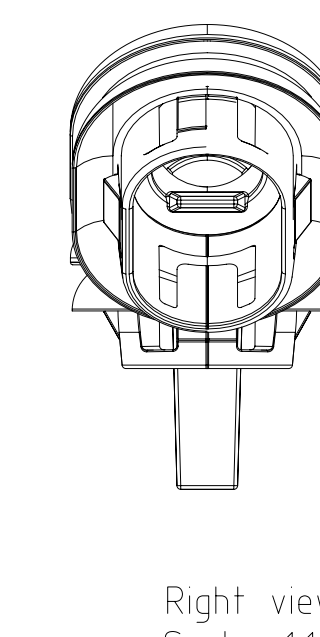
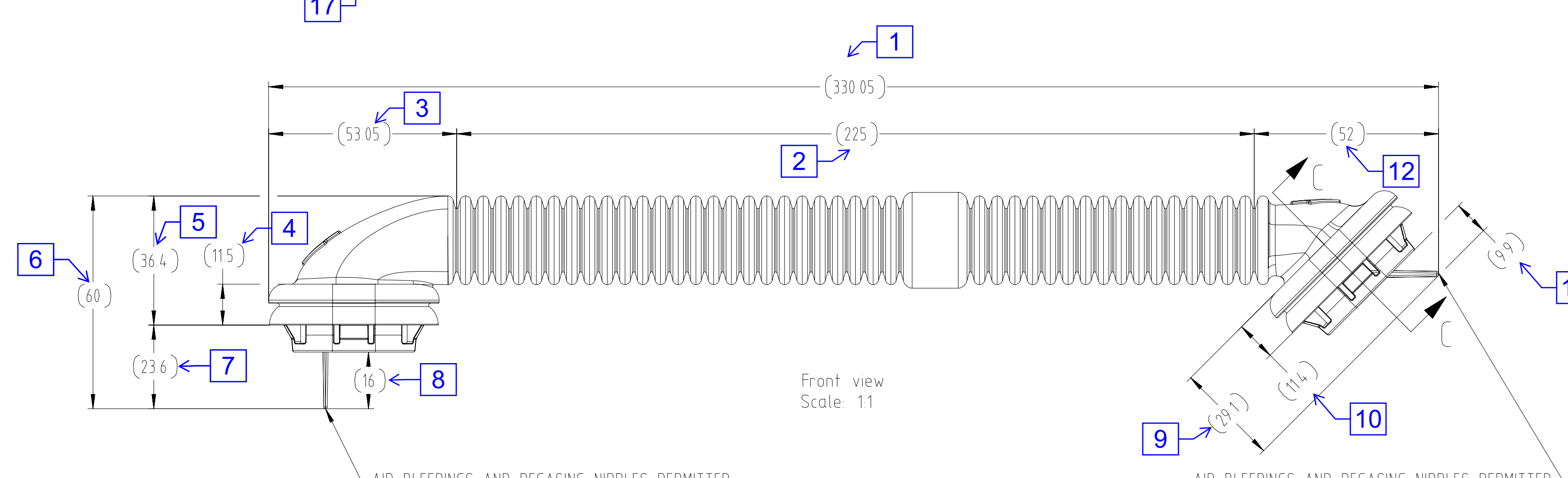
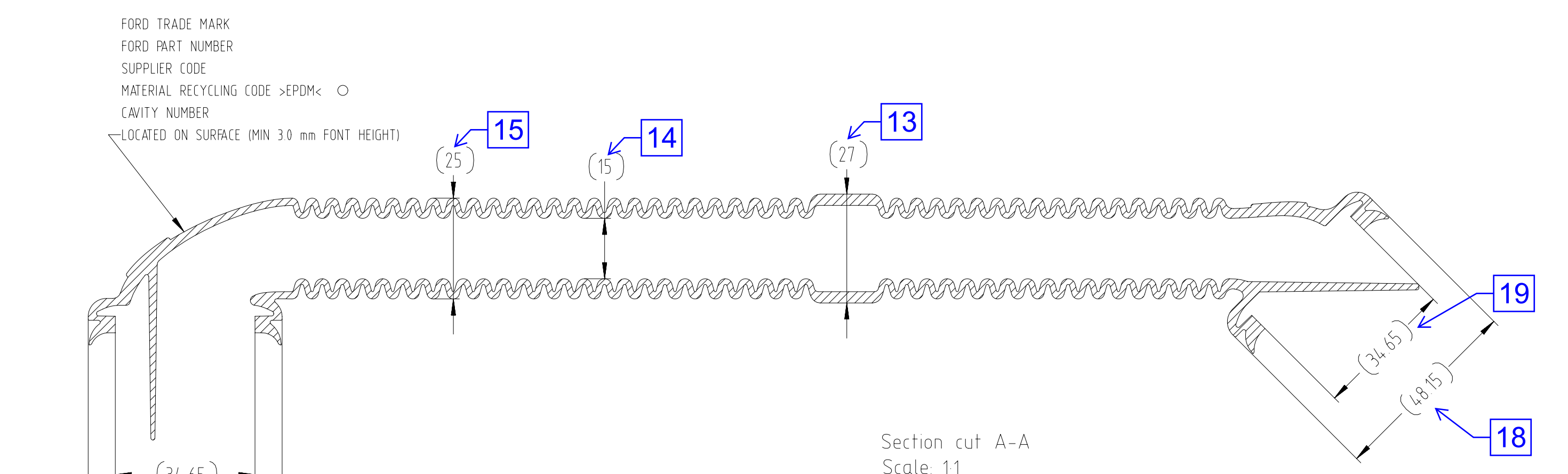
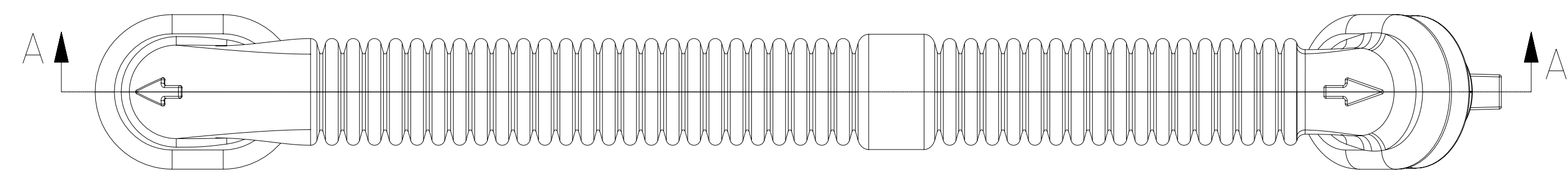
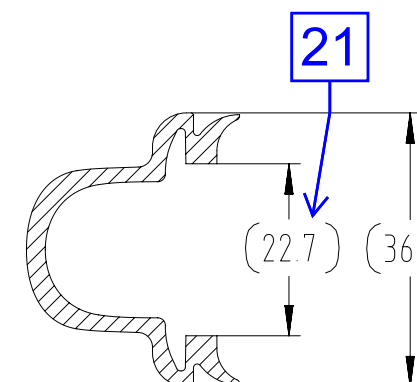
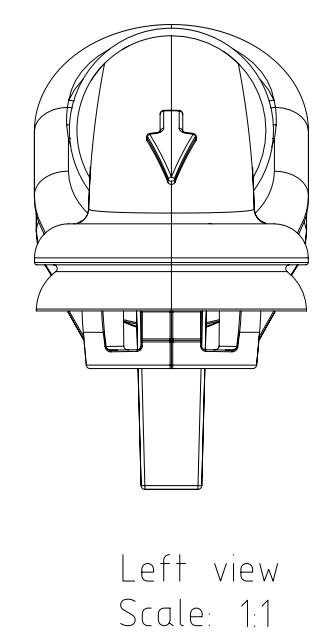
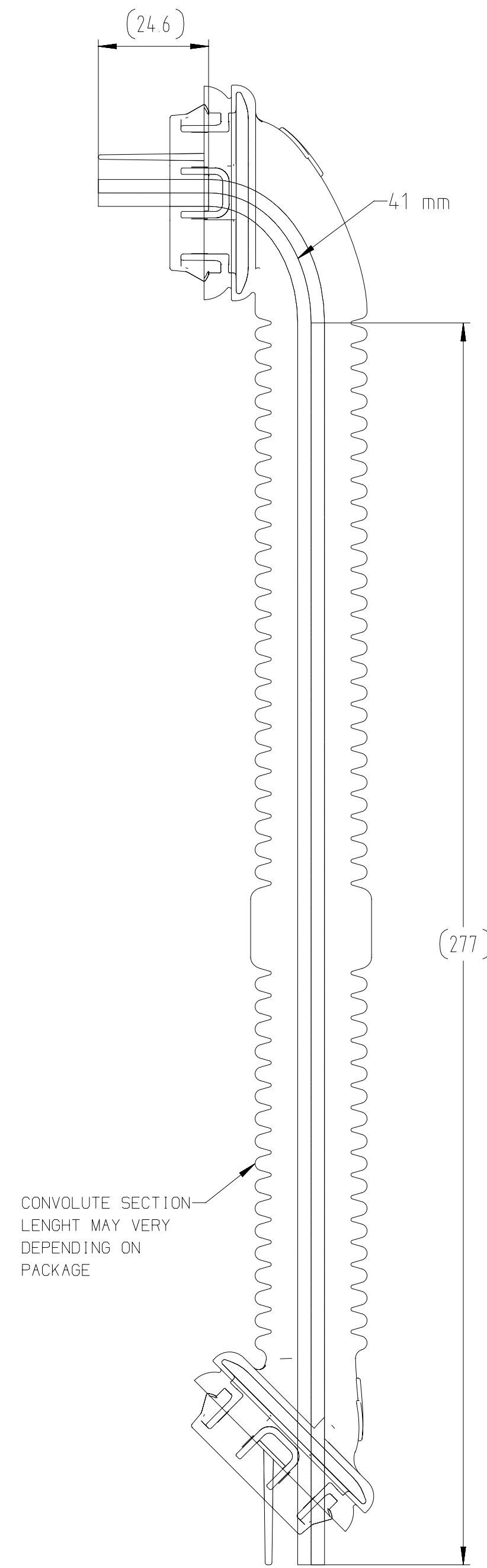
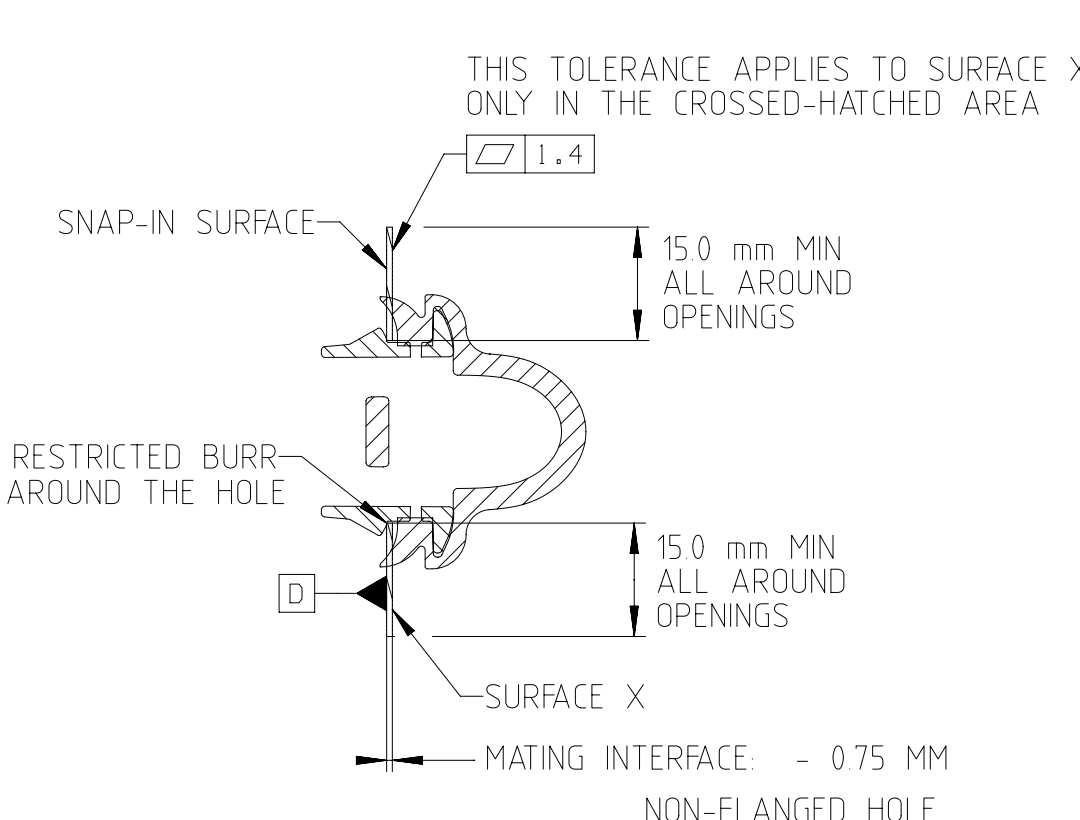
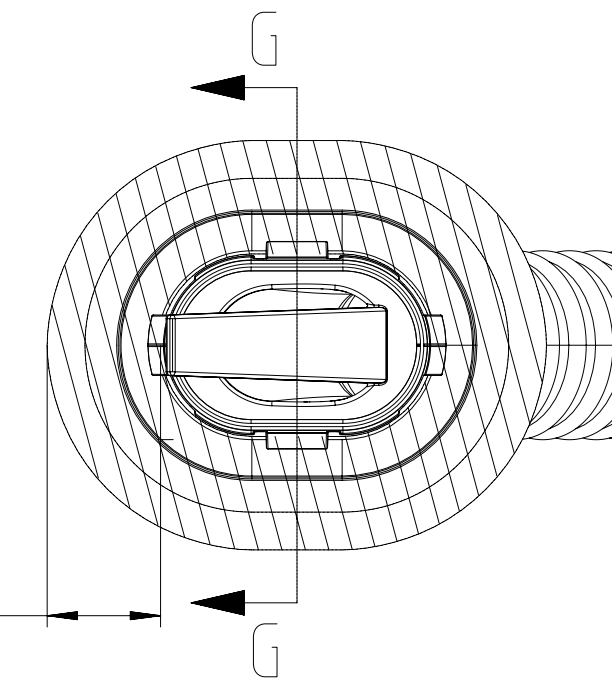
MATING PANEL FOR END DETAILED IN SECTION C-C
(FLANGED OR NON-FLANGED S/M THICKNESS 0.75 MM)

FOR THE PURPOSE OF VERIFYING GD&T,
MATH DATA TO BE CONSIDERED
BASIC DIMENSIONS

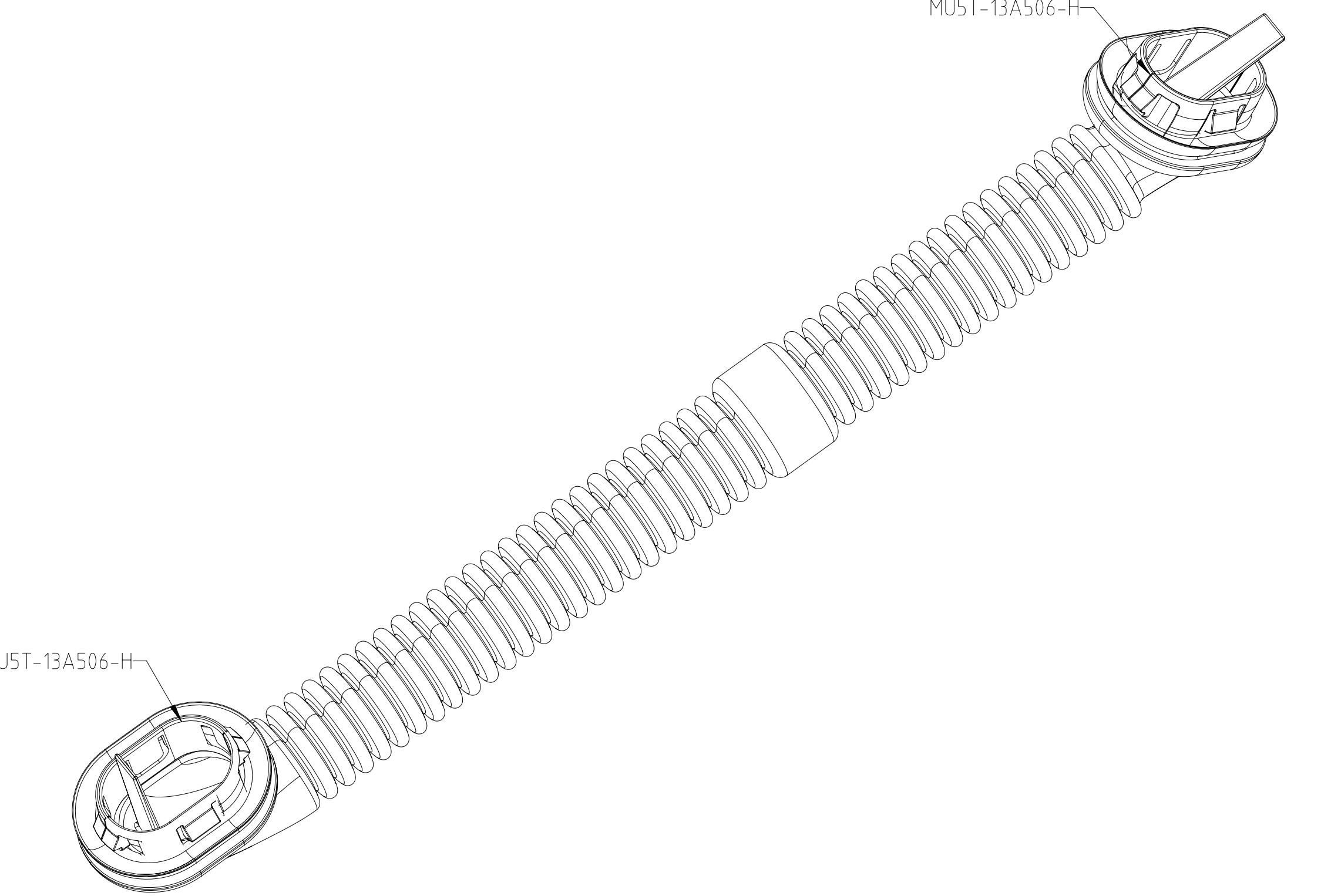


ATTACHING PANEL QUALITY


FOR THE PURPOSE OF VERIFYING GD&T,
MATH DATA TO BE CONSIDERED
BASIC DIMENSIONS



| COMPONENT NON-ASSEMBLY INFORMATION CHART | | | | | | | | | |
|--|-----------------------|----------|--------|----------------|--------------------|-------|-------------|----------------------------|------------------------|
| MATING SUPPLIER COMPONENT PART NO | MATING FORD COMPONENT | MAX TEMP | WEIGHT | RECYCLING CODE | MATERIAL / SPEC NO | COLOR | DESCRIPTION | SUPPLIER COMPONENT PART NO | FORD COMPONENT PART NO |
| NA | NA | NA | 83.6g | EPDM | SEE NOTE 11 | BLACK | NA | NA | MUST-14603-TA |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |



- GENERAL NOTES:
- FOR ENGINEERING APPROVED SOURCE, SEE THE WERS ENGINEERING NOTICE
 - FOR CURRENT RELEASE STATUS, SEE THE WERS RELEASE NOTICE
 - CHANGES AFFECTING DESIGN COMPOSITION OR PROCESSING OF THE PART PREVIOUSLY APPROVED FOR PRODUCTION REQUIRE PRIOR APPROVAL FROM FORD PRODUCT ENGINEERING. REFER TO DS-9000
 - MATERIAL RECYCLING CODE <EPDM> PER SAE J1344 TO APPEAR ON PART IN THE CALLED OUT LOCATION
 - PART BRANDING (TRADEMARK) AND CODING MUST BE IN ACCORDANCE WITH FORD ENGINEERING CAD AND DRAFTING STANDARDS. SECTION F-3. THIS PART/ASSEMBLY MUST COMPLY WITH BRANDING DIRECTIVE E-100 OR THE EXCEPTION NUMBER SHOWN IS THE AUTHORITY FOR NON COMPLIANCE. EXEMPT NO. FOR PROTOTYPE TOOLED PART. ONLY PART NUMBER IS REQUIRED
 - WRITTEN ENGINEERING APPROVAL OF SAMPLE PARTS MAY BE REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
 - PART MUST BE FREE OF BURRS AND FLASH WHICH MAY BE DETRIMENTAL TO ASSEMBLY SAFE HANDLING, APPEARANCE OR FUNCTION
 - THE LOCATION AND EXTENT OF ALL FABRICATION AND/OR MANUFACTURING CHARACTERISTICS SUCH AS FLASH, MOLD, SPLIT LINES, EJECTOR PIN MARKS, OR OTHER IRREGULARITIES MUST HAVE PRODUCT DESIGN ENGINEERING APPROVAL PRIOR TO START OF TOOLING
 - PARTING LINE ALLOWED IN SEAL AREA MEMBRANE CAN REMAIN INTACT OR BROKEN. PARTING LINE FLASH ON SEALING SURFACES NOT TO EXCEED 15 X 0.1 MM
 - PART MUST HAVE CAVITY IDENTIFICATION IF PRODUCED FROM MULTI-CAVITY TOOLING
 - MATERIAL GROMMET: EPDM ACC TO SAE J200 TYPE M3 BA 510 B13, F17, Z1, Z2, Z3
 - COZINE RESISTANCE ACC TO FILM BP 10-01 PROCEDURE A
 - RATING MAX 0
 - NO MIGRATION STAINING ACC TO FILM BP 153-01 METH A
 - SLIGHT CONTACT STAINING PERMITTED
 - NO STAINING BY WATER-EXTRACTABLE INGREDIENT
 - ACC TO FILM BP 153-01 METH B
 - TOLERANCES: ISO 3302-1 M3
 - COLOR: BLACK
 - UNLESS OTHERWISE SPECIFIED AND/OR INDICATED (ON DRAWING OR CAD DATA) DIMENSIONS ARE FACE OR VIEW SHOWN
 - ALL DIMENSIONS ARE TO BE PRECISE DIMENSIONS FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD SEE MATH MODEL FOR PRECISE TOOL BUILD DATA
 - TOLERANCES: GENERAL DIMENSIONAL TOLERANCE TABLE
 - ALL CORNERS AND EDGES SHOWN SHARP MAX R0.4 ± 0.25
 - 30 DRAFT IS MASTER, UN-DRAFTED SURFACES IS 20° MAX DRAFT
 - UNLESS OTHERWISE SPECIFIED GENERAL TOLERANCES WILL BE RUBBER MANUFACTURERS ASSOCIATED DRAWING DESIGNATION "A3"

| | | | | | | | | | |
|---|-----------|--------------|----------|---|--|-----------|--|--|--|
| REFERENCE | | | | | | | | | |
| N/A | | | | | | | | | |
| MUST CONFORM TO: RESTRICTED SUBSTANCE MANAGEMENT STANDARD WSS-M99P9999-A1 TO SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT | | | | | | | | | |
| DRAFTED IN ACCORDANCE WITH FORD MOTOR COMPANY ENGINEERING CAD AND DRAFTING STANDARDS VERSION 30.0 | | | | | | | | | |
| CAD TYPE | CAD FILE | CAD LOC | CAD FILE |  | 3RD ANGLE PROJ DIMENSIONS ARE IN MILLIMETERS | | | | |
| K-CATIAS | TE | F_2991_190_C | | | DTMC | IS MASTER | | | |
| PLANT CODE | LINE CODE | OPER NO. | BT NO. | STATION | SIZE | | | | |
| N/A | N/A | N/A | N/A | N/A | N/A | | | | |
| PLANT NAME | DEPT NO. | DESIGN | SCALE | SHT 1 | OF 1 | | | | |
| N/A | N/A | FRAUENKRON | 1:1 | | | | | | |
| TITLE/PART NAME | | | | | | | | | |
| GROM-WIR | | | | | | | | | |
| DRAWING/PART NO. | | | | | | | | | |
| MUST-14603-TA | | | | | | | | | |
| FORD MOTOR COMPANY | | | | | | | | | |

ES-PN
F_2991_190_C

uncontrolled copy after printing!

DAIMLERCHRYSLER

(277 21/143 22/ S002991A RCAB1SN4505202)

Production Part Approval Material Test Results

Page 1 of 1 Pages

DAIMLERCHRYSLER  

| ORGANIZATION: DF - Elastomer Solutions, Lda | | | | | PART NUMBER: MU5T-14603-TA | | |
|--|---|--|------------|-------------|--|----|--------|
| SUPPLIER/VENDOR CODE: 455197574 | | | | | PART NAME: GROM WIR | | |
| INSPECTION FACILITY: | | | | | DESIGN RECORD CHANGE LEVE EE00 E 10915170 000 20210609 | | |
| * CUSTOMER SPECIFIED SUPPLIER/VENDOR CODE: | | | | | ENGINEERING CHANGE DOCUMENTS: | | |
| * If source approval is req'd, include the supplier (Source) & Customer assigned code. | | | | | NAME of LABORATORY: | | |
| ITEM | MATERIAL SPEC. NO. / VER / DATE | SPECIFICATION / LIMITS | TESTE DATE | QTY. TESTED | SUPPLIER TEST RESULTS RESULTS (DATA) | OK | NOT OK |
| | M3 BA 510 B13 F17 Z1 Z2 Z3 (SAE J200) | | | | | x | |
| 510 | Basic requirements: | | | | | | |
| | Hardness acc.ASTM D2240 | 50+/-5 Sh A | 21-01-2022 | 1 | 53 | x | |
| | Tensile strength acc. D412 die C | ≥ 10 MPa | 21-01-2022 | 1 | 12,43 | x | |
| | Elongation at breakacc. D412 die C | ≥ 400 % | 21-01-2022 | 1 | 718 | x | |
| | Heat resistance acc to ASTM D 573 (70h at 100°C) | | | | | | |
| | -Change in hardness | Max. ±15 Sh. A | 28-01-2022 | 1 | + 2 | x | |
| | -Change in tensile strength | Max. ±30 % | 28-01-2022 | 1 | +8,44 | x | |
| | -Change in elongation at break | Max. -50 % | 28-01-2022 | 1 | -11,42 | x | |
| | Suffix requirements: | | | | | | |
| B13 | Compression Set acc ASTM D395, method B (22h/70°C) | Max. 25 % | 25-01-2022 | 1 | 12,93 | x | |
| F17 | Low temperature britleness acc to ASTM D 2137, method A (3min/-40°C) | No cracks | 08-03-2022 | 1 | OK | x | |
| Z1 | Ozone resistance acc. To FLTM BP 101-01, proc. A | Max. Rating 0 | 21-01-2022 | 1 | OK for characteristics of EPDM | x | |
| Z2 | Migration staining acc. To FLTM BP 153-01, method A | Slight staining perm | ... | 1 | OK | x | |
| Z3 | Staining by water extractable ingredients acc to FLTM BP 153-01, method B | No staining by water extractable ingredients | ... | 1 | OK | x | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Blanket statements of conformance are unacceptable for any test results.

March
2006

CFG-1004

Hernani

| SIGNATURE | TITLE | DATE |
|---------------|---------------------|------------|
| Hernani Matos | Quality Engineering | 26-05-2022 |

(277_21/143_22/_S002991A_RCAB1SN4505202)

Control Plan

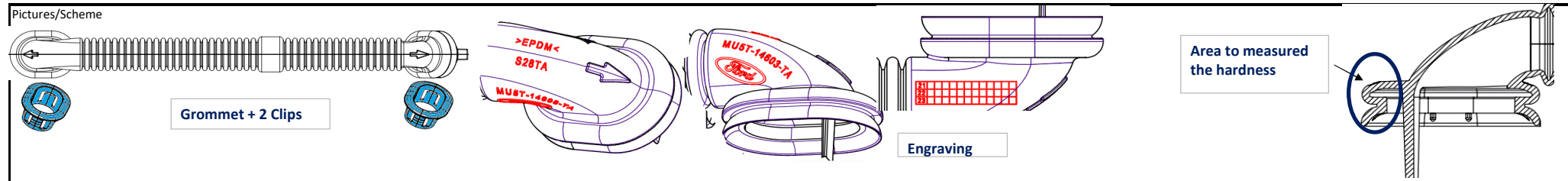
Prototype

Pre-Serie

Serie

| |
|---|
| |
| X |
| |

| | | | | | | | |
|--------------------|-------------------|---------------------|------------------------|---|------------|--------------|------------|
| Control Plan Nb: | CP_P002991A_AI_01 | Prepared by: | Hernani | Date (Orig.): | 01-10-2021 | Date (Rev.): | 23-05-2022 |
| Part Nb: | P002991A | Team | CF; SC; EO; MC; PF; CT | CP Approval in workstation (by customer if req.): | | | |
| Part designation: | Grow-Wir | Supplier (if req.): | | | | | |
| Drawing: | MUST-14603-TA | ES Plant: | Portugal | | | | |
| Engineering level: | 09-06-2021 | | | | | | |



| N. Op | Operation/ Process Designation | Characteristic | PRD | PRC | SC | Product / Process / Specification / Tolerance | Control Method | Sample | | Control Instruction | Responsible | Records | Reaction Mode |
|-------|---|------------------------------------|-----|-----|----|---|----------------|--------------------------------|--------------------------------------|--|--------------------------------|---|--|
| | | | | | | | | Size | Frequency | | | | |
| 5/10 | Incoming Material/ Qualitative incoming | 05_PC_Geral_Receção_Compostos_PS | | | | | | | | | | | |
| 5/10 | Incoming Material/ Qualitative incoming | 05_PC_Geral_Receção_Componentes_PS | | | | | | | | | | | |
| 25 | Vulcanization | 25_PC_Geral_Vulcanização_PS | | | | | | | | | | | |
| 25 | Vulcanization | Hardness | x | -- | -- | Material (50 ± 5 Sh. A); | Durometer | 3 Parts | Once per shift (after cooling parts) | Work instrution T.QES.009_using the analogue durometer " | Process controller | Computer system (in case of failure ESP-QES-051 Record of expansion and hardness) | Retain produced parts; Analyze deviation and disposition according to the analysis made by the quality (According to P_ESP_09 Nonconformities) |
| 25 | Vulcanization | Engraving | x | -- | -- | Acc to picture | Visual | 1 complete cycle of each plate | Setup /end of prodution | Work instrution IT.PR.D.005_Setup and end of production | Chef Leader/ Process controler | Approved cycle label and ESP_PRD_10 (Checking the start of molds in production) | Retain produced parts; Analyze deviation and give according to the analysis made by the quality and process engineering |

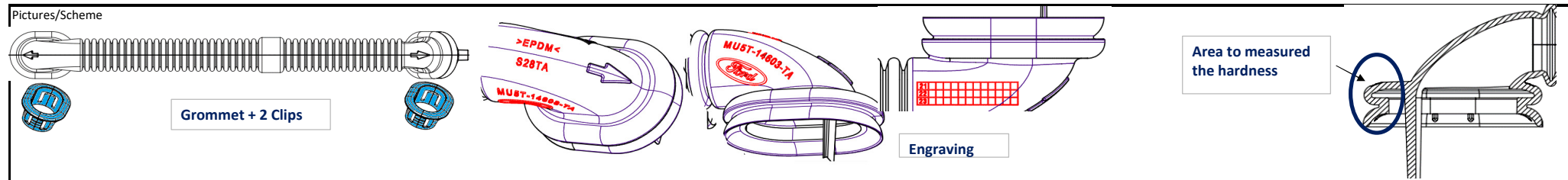
Control Plan

Prototype ☐

Pre-Serie ☒

Serie ☐

| | | | | | | | |
|--------------------|-------------------|---------------------|------------------------|---|------------|--------------|------------|
| Control Plan Nb: | CP_P002991A_AI_01 | Prepared by: | Hernani | Date (Orig.): | 01-10-2021 | Date (Rev.): | 23-05-2022 |
| Part Nb: | P002991A | Team | CF; SC; EO; MC; PF; CT | CP Approval in workstation (by customer if req.): | | | |
| Part designation: | Grow-Wir | Supplier (if req.): | | | | | |
| Drawing: | MU5T-14603-TA | ES Plant: | Portugal | | | | |
| Engineering level: | 09-06-2021 | | | | | | |



| N. Op | Operation/ Process Designation | Characteristic | PRD | PRC | SC | Product / Process / Specification / Tolerance | Control Method | Sample | | Control Instruction | Responsible | Records | Reaction Mode |
|-------|--------------------------------|----------------------------|-----|-----|----|---|--------------------|----------------|---------------------------------------|---|-----------------------|-------------------------------|--|
| | | | | | | | | Size | Frequency | | | | |
| 25 | Vulcanization | Flash | -- | x | -- | Acc drawing (Max. Height 1,5 mm Max. Tickness 0,5 mm) | Visual | All parts | All cycles | ----- | Operator | ----- | Retain produced parts; Analyze deviation and give disposition according to the analysis done by quality and process engineering |
| | | | | | | | Profiler Projector | Doubtful parts | ----- | Work Instrution IT_LAB_014 (RMM equipment WI) | Laboratory Technician | ES_SQM_024 Dimensional Report | |
| 25 | Vulcanização | Dimensions | X | -- | -- | Acc to drawing | Profiler Projector | 1 part | Start of project / in case of changes | IT_LAB_014 | Laboratory Technician | ES_SQM_024 | Retain produced parts; Analyze deviation and disposition according to the analysis made by the quality (According to P_ESP_09 Nonconformities) |
| 35 | Assembly | 35_PC_Geral_Montagem_PS_09 | | | | | | | | | | | |
| 50 | Packaging | 50_PC_Geral_Embalagem_PS | | | | | | | | | | | |
| 60 | Expedition | 60_PC_Geral_Expedição_PS | | | | | | | | | | | |

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| LEGEND: | Notes: |
| CC = Critical Characteristic; SC = Special Characteristic ; ES = Elastomer Solutions; CP = Control Plan | Control Plan Revision is mandatory after PFMEA revision |
| Nb Op = Number of Operation identified in Process Flow Diagram; | Validation at Workstation to be done for each revision |

REVISION HISTORY

| REVISION N. | DATE | REASON FOR REVISION |
|-------------|------------|-------------------------------------|
| 0 | 01-10-2021 | Emission |
| 1 | 23-05-2022 | Emission for low volume serial tool |