



**HANNA RUBBER COMPANY**

# Specification Sheet

## Natural TPR Tubing



| Physical Properties                           |                 |                 |
|-----------------------------------------------|-----------------|-----------------|
|                                               | Natural FDA 64A | Natural FDA 80A |
| Hardness, Shore A @ 77°F, ±5                  | 64              | 80              |
| Tensile Strength @ 77°F, psi                  | 950             | 1600            |
| Elongation at Break, %                        | 400             | 450             |
| Tear Strength @ 73°F, pli                     | 140             | 194             |
| Compression Set % @                           |                 |                 |
| 73°F after 168 hrs.                           | 22              | 29              |
| 212°F after 168 hrs.                          | 34              | 41              |
| Brittle Temperature, °F                       | <-76            | <-76            |
| Minimum Recommended >Operating Temperature °F | -60             | -60             |
| Maximum Recommended Operating Temperature, °F | 275             | 275             |

## Natural FDA 64A Durometer

| Product Number | ID (in.)    | OD (in.)    | Wall (in.)  | Available Lengths (ft.) | Shore Hardness(±5) |
|----------------|-------------|-------------|-------------|-------------------------|--------------------|
| 16-4600246     | .125 (1/8)  | .250 (1/4)  | .063 (1/16) | 50                      | 64A                |
| 16-4600414     | .188 (3/16) | .313 (5/16) | .063 (1/16) | 50                      | 64A                |
| 16-4600582     | .250 (1/4)  | .375 (3/8)  | .063 (1/16) | 50                      | 64A                |
| 16-4600638     | .250 (1/4)  | .500 (1/2)  | .125 (1/8)  | 50                      | 64A                |
| 16-4600694     | .313 (5/16) | .438 (7/16) | .063 (1/16) | 50                      | 64A                |
| 16-4600862     | .375 (3/8)  | .500 (1/2)  | .063 (1/16) | 50                      | 64A                |
| 16-4600974     | .375 (3/8)  | .625 (5/8)  | .125 (1/8)  | 50                      | 64A                |
| 16-4601198     | .500 (1/2)  | .625 (5/8)  | .063 (1/16) | 50                      | 64A                |
| 16-4601310     | .500 (1/2)  | .750 (3/4)  | .125 (1/8)  | 50                      | 64A                |
| 16-4601646     | .625 (5/8)  | .875 (7/8)  | .125 (1/8)  | 50                      | 64A                |
| 16-4601926     | .750 (3/4)  | 1.000       | .125 (1/8)  | 50                      | 64A                |

## Natural FDA 80A Durometer

| Product Number | ID (in.)   | OD (in.)   | Wall (in.)  | Available Lengths (ft.) | Shore Hardness(±5) |
|----------------|------------|------------|-------------|-------------------------|--------------------|
| 16-4606014     | .125 (1/8) | .250 (1/4) | .063 (1/16) | 50                      | 80A                |
| 16-4606350     | .250 (1/4) | .375 (3/8) | .063 (1/16) | 50                      | 80A                |
| 16-4606406     | .250 (1/4) | .500 (1/2) | .125 (1/8)  | 50                      | 80A                |
| 16-4606630     | .375 (3/8) | .500 (1/2) | .063 (1/16) | 50                      | 80A                |
| 16-4606742     | .375 (3/8) | .625 (5/8) | .125 (1/8)  | 50                      | 80A                |
| 16-4607638     | .750 (3/4) | 1.000      | .125 (1/8)  | 50                      | 80A                |

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