

## Molded Rubber Component Design Specification Checklist

Company Name \_\_\_\_\_

Telephone Number \_\_\_\_\_

Part Number \_\_\_\_\_

### Application Description

\_\_\_\_\_

#### Media Contact

- Oil
- Water
- Air
- Other \_\_\_\_\_

#### Frequency of Media Contact

- Splash
- Submersion
- Mist
- Fumes
- Other \_\_\_\_\_

#### Pressures

- Normal \_\_\_\_\_
- Minimum \_\_\_\_\_
- Constant
- Pulsating
- Unidirectional
- Bi-directional

Critical Dimensions \_\_\_\_\_

Sealing Surfaces \_\_\_\_\_

Parting Line Surface Location \_\_\_\_\_

Acceptable Parting Line Flash \_\_\_\_\_

Sprue or Gate Location \_\_\_\_\_

#### Surface Finish Requirements

- 32  $\mu$  in / .80  $\mu$  m
- Smoother Than 32  $\mu$  in / .80  $\mu$  m

Aesthetic Requirements \_\_\_\_\_

Cleanliness Requirements \_\_\_\_\_

Life Expectancy \_\_\_\_\_

Contact Name \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Part Description \_\_\_\_\_

### Performance Requirements

\_\_\_\_\_

#### Temperature Range

- High \_\_\_\_\_ °
- Normal Operating \_\_\_\_\_ °
- Low \_\_\_\_\_ °
- Environment \_\_\_\_\_

#### Application

- Static
- Dynamic
- Rotating
- Reciprocating
- Continuous
- Intermittent

Clamp Areas \_\_\_\_\_

Parting Line Surface Restrictions \_\_\_\_\_

Flash / Adhesive Exposure on Insert \_\_\_\_\_

TIR or Register Requirements \_\_\_\_\_

Bond Requirements \_\_\_\_\_

#### Special Controls

- Batch
  - Lot
  - Certificate of Compliance
  - Date Codes
  - Cavity Identification
  - Part Number Identification
  - Special Labeling
  - Special Packaging
  - First Article Sample Requirements
- \_\_\_\_\_
- SPC / Capability Studies
  - Inspection Reports
  - Customer Performed Tests
  - RRP Performed Tests
  - Other \_\_\_\_\_

Forward this checklist to Robinson Rubber Products with your drawings & RFQ's

Robinson Rubber Products – Molded Rubber Component Specification Checklist

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