



To complete this form: ❶ Fill out the form fields. ❷ Save the file to your computer (to make it easy to find save it to your desktop folder). ❸ Email the file back to your TriStar contact. For best results, use [Adobe Reader](#). **Red border = Required.**

General Information

Company

Date

Contact

TriStar Contact

Address

Phone

Email

Application

Qty.

Application Details

Width

Plus Minus in mm

Height

Plus Minus in mm

Length

Plus Minus in mm

The part primarily functions in: Compression Tension Flexion

Load/Tension/Flex (in psi):

What material is being used now?

What is the goal of changing to plastics? Weight savings Cost savings Strength

If the goal is weight savings do you have a target weight for the part? Yes No

If yes, what is the target?

lbs kg

If the goal is cost savings, what is your target price?

If the goal is strength improvement, what are your specific needs?

Please answer the following questions regarding the environment of the application

What is the normal service temperature of the part?

°F °C

What are the potential maximum and minimum temperatures?

°F °C

Does the part have a specific life expectancy? Yes No If yes, explain

Is the part exposed to abrasives? Yes No If yes, what type?

Is the part exposed to chemicals? Yes No If yes, what type & concentration?

Is the part exposed to water, air or gas? If so, what kind? Yes No If yes, what kind?
(Example: DI water, salt water, what type of gas?)

Is the part seeing impact or vibration? Yes No If yes, explain

Are there dielectric requirements? Insulate or dissipate? Yes No If yes, explain

Are there dielectric test requirements to be met? Yes No If yes, which ones?

Do the parts need to meet agency approvals? Yes No If yes, which agencies?
(Example: FDA, USDA, NSF, 3A, USPVI)

Flammability Rating required for this application? Yes No If yes, which one?

Additional notes