

Application Case Story

Meldin® 7000 Series

APPLICATION:

Plasma Cutting Torch

MATERIAL:

Meldin® 7001

PART DEFINITION:

Gas Distributor

TECHNICAL DATA:

TYPICAL DIMENSIONS:

.2" ID x .5" OD x .25" Length
(5.1mm x 13mm x 6.4mm)

SPEED: Static application

WORKING TEMPERATURE:

700°F (371°C) Max.

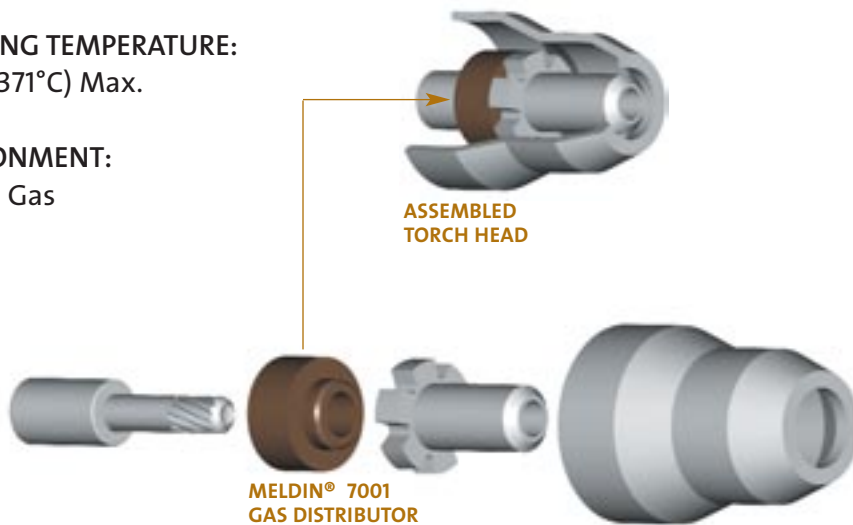
ENVIRONMENT:

Plasma Gas

FEATURES / BENEFITS:

- High dimensional stability
- Retains high strength at elevated temperatures
- Can withstand temporary excursions to 900°F (482°C)

Meldin® 7001 was selected for this application due to its high temperature capability and direct formability. The material can withstand the extreme temperature generated in the torch head during the plasma cutting.



Saint-Gobain Performance Plastics Corporation

North America: 1-800-223-4966 Bristol, RI, USA

Europe: +32 3 458 28 28 Kontich, Belgium

Asia: +81 33 26 30 285 Tokyo, Japan

Email: sgppl.marketing@saint-gobain.com

Website: www.rulon-meldin.com

ACS-410-PDF-0604-SGCS

Meldin® is a registered trademark.

©2004 Saint-Gobain Performance Plastics Corporation

TriStar

Engineered Plastic Solutions™

Exclusive North American Distributor

1.800.874.7827 | www.tstar.com

SAINT-GOBAIN
PERFORMANCE PLASTICS

