



Expandable Cavity Quote Request Form

Email Completed form to: dmeus-csspecials@dme.net

Company name: _____ DME account #: _____
 Contact name: _____ P.O. #: _____
 Phone: _____ FAX: _____
 Address: _____ E-mail: _____
 City: _____ State/Province: _____
 ZIP/Postal Code: _____ Country: _____

Shipping method:

UPS Ground UPS 2nd Day Air UPS Next Day FedEx Other _____

Expandable Cavity Requirements

I. POLYMER SPECIFICATIONS:

A. What is the material to be molded? _____
 B. What is the process temperature? _____ Filled Unfilled Glass Mineral

II. DIMENSIONS OF EXPANDABLE CAVITY: (Part print is required)

A. Specify largest diameter to be molded _____
 B. Specify smallest diameter to be molded _____
 C. Specify major diameter of undercut or thread _____
 D. Specify minor diameter of undercut or thread _____

III. MOLDED PART LENGTH:

A. Molding Length: _____ (Within the Expandable Cavity)
 B. Mold Shut-off: _____ .200 (Shut-off land below part)

IV. EXPANSION REQUIREMENTS: (See Expandable Cavity and Striker Insert Design)

A. Critical Expansion per side: _____
 B. Loss of expansion (.050in/in): _____
 Multiply molding length (Distance from top of Expandable Cavity to bottom of last undercut) by .050in
 C. Clearance (Air) between plastic and steel upon expansion: _____ .005

V. MOLD LAYOUT

A. Distance from gate (center to center): _____
 B. Number of cavities: _____
 Retrofit New Mold