



ENGINEERING

DESIGN PROTOTYPE DEVELOPMENT OVERMOLD TOOLING

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[CLICK HERE FOR A LIST OF STANDARD, OFF-THE-SHELF GROMMETS AND STRAIN RELIEF'S](#)



Solid

SolidRib

UniFlex

MultiFlex

ISC.... provides over 900 basic strain relief and grommet designs for cable assembly products. These include over 80 versions for overmolds and over 1,500,000 possible grommet combinations for "discrete" end applications. Each of these strain relief's meet the stringent requirements of ISC's unique modular design for maximum versatility and utilization across a potential wide range of overmold designs. [click here for the grommet configurator...](#)

STRAIN RELIEF'S					GROMMETS				
SHAPE	BODY STYLE				BODY STYLE	INNER FLANGE SHAPE			
	Solid	SolidRib	UniFlex	MultiFlex		Round	Oval	Square	Rect
Round	—	—	—	—	Solid	—	—	—	—
Oval	—	—	—	—	SolidRib	—	—	—	—
Square	—	—	—	—	UniFlex	—	—	—	—
Rect	—	—	—	—	MultiFlex	—	—	—	—

ISC strain relief's for overmolds are engineered to comply with ISC's modular mold design

Grommets and strain relief's are available in any of ISC's four shapes; round, oval, square or rectangular. These grommets may either be molded directly onto the cable or be discreet slip-on style boots.

ISC's modular tooling design provides maximum flexibility in interchangeable sections, providing a lower cost approach to tooling. [Click here for further information....](#)

Standard lead-times are weeks not months.....all strain relief configurations are available in either molded on or discreet molded , slip on style strain relief's

Standard material is PVC, UL 94V0 rated, C73 durometer. Other materials available

[Click here for a list of standard, off-the-shelf strain relief's](#)