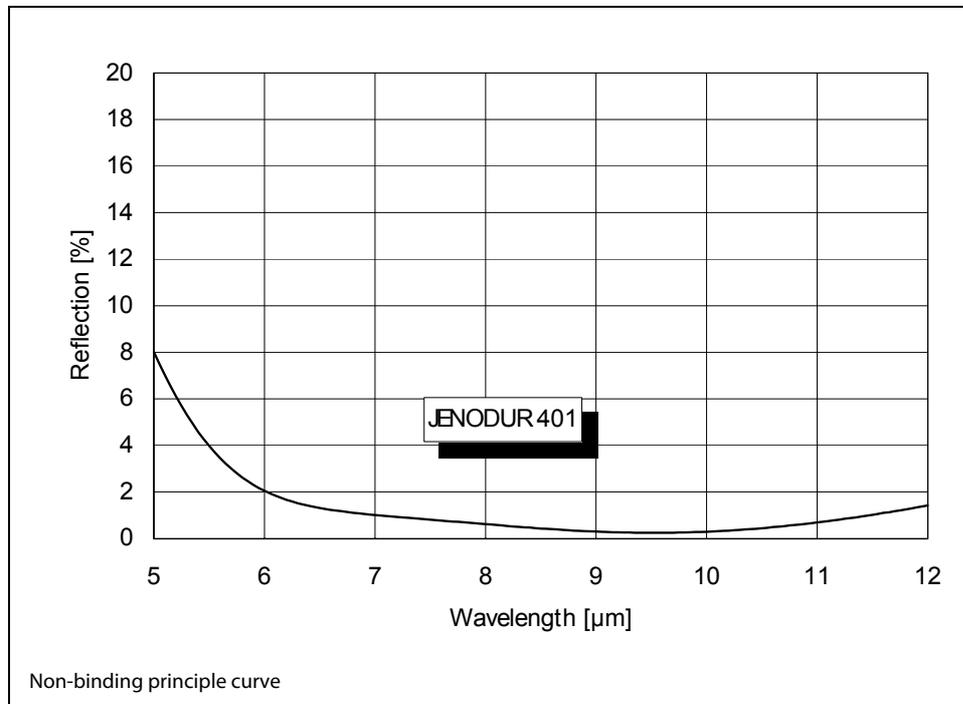


# JENODUR 401

## Broadband Antireflection Coating



### AR - Coating for IR

#### Optical properties:

$T_{\text{abs}} > 96\%$  from 7.75  $\mu\text{m}$  to 10.5  $\mu\text{m}$ ,  
(2 mm thick both sides coated witness piece)

$R_{\text{ava}} < 1\%$  per surface from 7.75  $\mu\text{m}$  to 10.5  $\mu\text{m}$

#### Applications:

This broadband antireflection coating is a durable multilayer thin film system for IR imaging and measurement systems which use the spectral range from 5  $\mu\text{m}$  to 10.5  $\mu\text{m}$ .

#### Durability:

Humidity: MIL-F-48616 / section 4.6.8.2

Moderate abrasion: MIL-F-48616 / section 4.6.8.3

Temperature: MIL-F-48616 / section 4.6.9.1

Adhesion: MIL-C-675C, § 4.4.6

#### Substrate material:

This coating can be applied for all chalcogenide glass substrates having a refractive index between 2.5 and 2.8 .

#### Special features:

This coating is absolutely free of any radioactive material.

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#### Ordering code:

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