

Carleton Technologies Inc

Pressure Technology Division

504 McCormick Drive
Glen Burnie, MD 21061
Telephone: 410-760-9856
Fax: 410-760-9858

Composite Cylinder Safety - VISUAL DAMAGE



Scratches in the outer protective coating are a result of regular use.

- **Scratches are not a concern if they don't expose any fibers.**



Impact damage may appear as dull white dimples in the protective coating.

- **Have the cylinder inspected if the dimples measure more than 7/16" or expose any fibers.**



Abrasion has exposed fibers.

- **The cylinder might be repairable at an approved D.O.T. inspection facility. This cylinder must be inspected and tested before filling or use.**



Severe impact has chipped the protective outer coating and exposed fibers.

- **This cylinder must be inspected and tested before filling or use.**



Unraveling of fibers is a potentially dangerous situation!

- **Never fill or use a cylinder with signs of unraveling!**

Composite cylinders are safe and durable products. But like any pressurized product, misuse or abuse can end in failure and possible personal injury or death.

As a rule, any composite cylinder that has damage that penetrates the protective outer coating or that cuts, unravels, or in any way exposes the fibers underneath should be taken out of service immediately and inspected at an approved D.O.T. facility.