

# Tissue Equivalent Materials

## QRM-Tissue

QRM tissue equivalents are the best choice to simulate different human tissues with respect to their physical X-ray attenuation properties.

QRM Tissue equivalent materials are available in diverse shapes and design providing the physical X-ray attenuation properties of soft tissue of human organs as liver, spleen, vessels, brain, breast, muscle, fat and others.

Tissue equivalent material is basis of most of our standard anthropomorphic phantoms. The standard soft tissue provides CT-values of approximately 38 HU at 120 kV tube voltage.

### Examples of QRM-Tissue

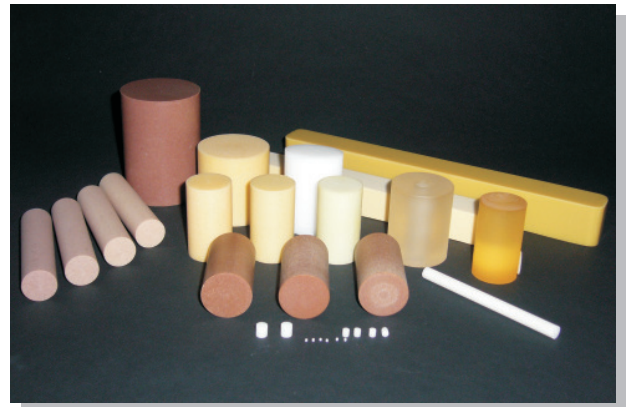
- tissue equivalent organs
- low contrast structures
- lung nodules (hypodense, hyperdense)
- liver nodules (hypodense, hyperdense)
- fat extension rings to simulate obese patients
- cerebral phantoms with white and grey matter
- breast equivalent phantoms
- blood mimicking resin

### Specifications

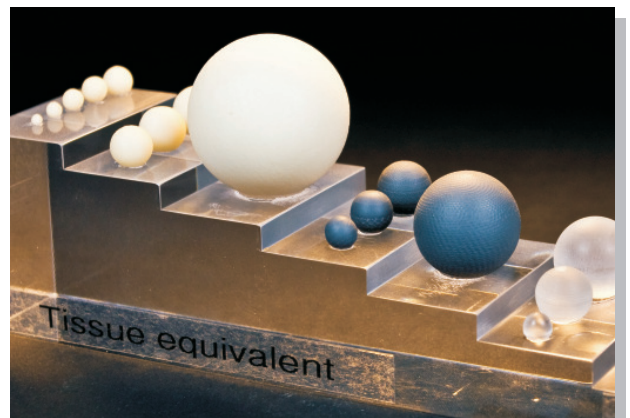
Standard soft tissue: .....  $38 \pm 3$  HU at 120 kV

Many densities or CT-values (HU) in different shape and design are available!

Please send us your request: [info@qrm.de](mailto:info@qrm.de)



QRM-Tissue equivalent samples



Tissue equivalent samples  
(spherical objects: e.g. lung or liver nodules)



Example for a tissue equivalent liver phantom  
with nodules