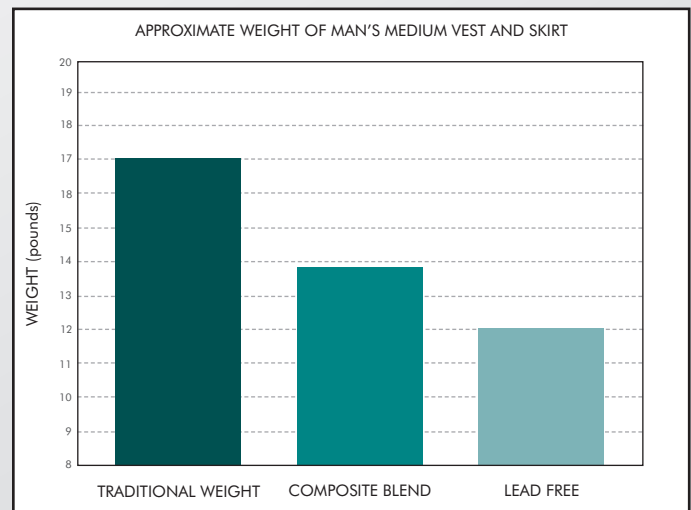
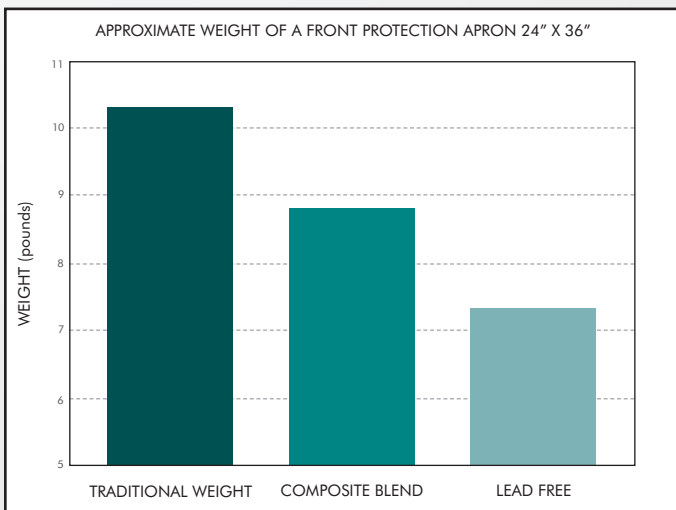
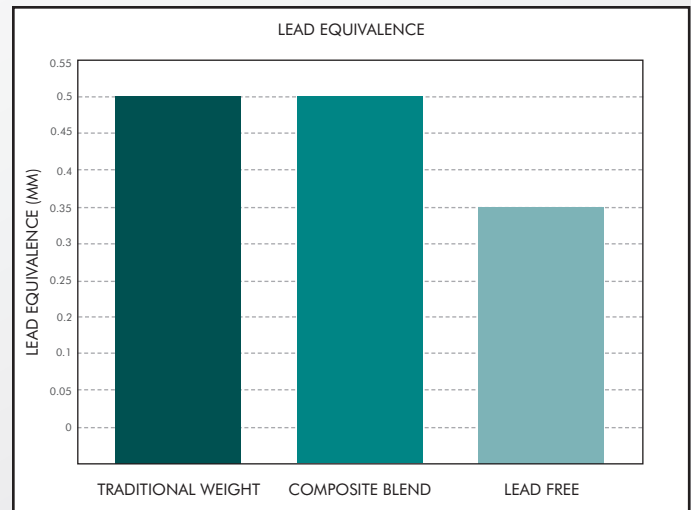
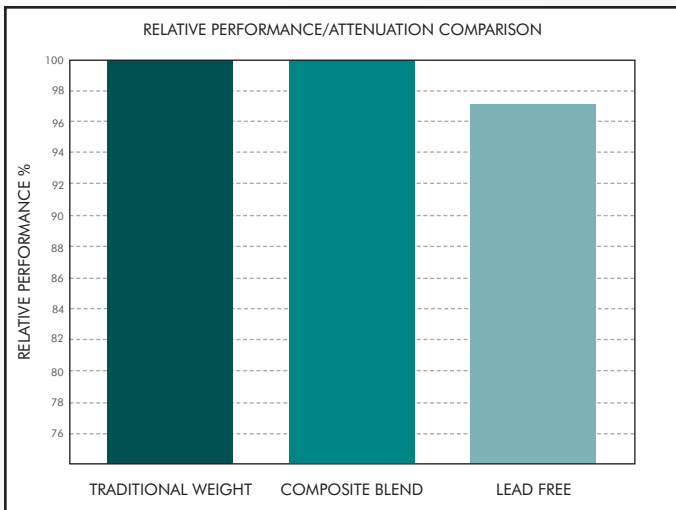


APRON WEIGHT COMPARISON

PROTECTION TYPE	DESCRIPTION	RELATIVE PROTECTION
Lead Free .5mm	Lightweight and Lead Free	100% at 90 KVP
Lead Free .35mm	Lightweight and Lead Free	97% at 90 KVP
Composite Blend .5mm	Lightweight	100% at 90 KVP
Composite Blend .35mm	Lightweight	90% at 90 KVP
Traditional Lead .5mm	Traditional Weight	100% at 90 KVP
Traditional Lead .35mm	Traditional Weight	90% at 90 KVP



Our **LEAD FREE** aprons contain no lead, yet they provide the same attenuation properties as Composite Blend and Traditional Leaded aprons. Lead Free aprons are 12% lighter than Composite Blend aprons. Lead Free aprons offer the protection needed when working on long procedures, since most .50mm equivalent Lead Free front protection aprons weigh approximately 10 lbs or less. That is a lot of weight off the shoulders. Like our other protective products, Lead Free aprons are available in .35mm making the apron even lighter. A Lead Free front protection apron can weigh approximately 7 pounds and still get an attenuation rating of 97% at 100 KVP.

Our **COMPOSITE BLEND** aprons are 10% lighter than Traditional Leaded aprons and offer the same attenuation properties. Composite Blend aprons are also available in .35mm protection. This makes an approximately 30% lighter apron while still providing 97% attenuation at 100 KVP.

Our **TRADITIONAL LEADED** aprons provide .50mm protection and attenuate 100% at 100 KVP. They are the most economical choice for the technicians that do not need to wear an apron for a long period of time. Traditional Leaded aprons are also available in .35mm protection that attenuates 97% at 100 KVP. Traditional Leaded aprons in .35mm is nominally 30% lighter than .50mm.

The NCRP has established maximal permissible doses for persons who receive occupational exposure. The NRC has suggested that occupational exposure be as low as reasonably achievable. Three principles of radiation protection are: Increase distance from the source, Reduce exposure time and wear shielding and protective products.

