

## Metal & X-ray Detectable PTFE

Specifically manufactured to be visible to X-ray and metal inspection technology so that food processing, medical and packaging companies can comply with FDA and industry-specific regulations.

Primarily available as sheets (plates) and machined components.

Easy to clean - withstands chemical cleaning products and other cleaning processes.

### Typical Applications:

Scraper Blades • Mixer Components • Rollers • Wear-strips • Nozzles • Seals • Bushes • Bearings • Guides • Sprockets • Agitators • Gears • Pillow Blocks • Pharma Packaging

GENERAL PROPERTIES	VALUES	UNITS	TEST METHOD
Specific Gravity	2.32	-	ASTM D4894

MECHANICAL PROPERTIES	VALUES	UNITS	TEST METHOD
Hardness	63	Shore D	Needle
Tensile Strength (23°C)	28	MPa	ASTM D4894
Elongation at Break	300	%	ASTM D4894
Coefficient of friction (Dynamic)	0.22	-	ISO 7148*
Wear rate	0.022	mm/h	ISO 7148*

THERMAL PROPERTIES	VALUES	UNITS	TEST METHOD
Service Temperature	-200 to +260	°C	-

**Dimensional Tolerances:** are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

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