



Tissue Line Reel Spool

Request:

The customer runs different ply tissue in their machine. The current airshaft reel spool rolls do not work for all of the tissue grades. A steel roll with a 90 durometer polyurethane cover was recommended for the application.

Requirements:

The reel spools were required to support 6,000 pounds of tissue and run at 6,000 FPM. The bearings, housings and brake drums needed to be interchangeable with the current design.

Result:

PFE Rolls engineered and manufactured the steel reel spool cores with bearings, housing and brake drums (pictured above) to Perma-Flex Southern for covering with Permatone SE 90 durometer from the rotational cast unit. The new reel spools are in operation and the customer is already talking to us about more.