

Assumed materials used for PF coils		Status to date 26.10.2020	
<b>Part</b>	<b>material</b>	<b>recommended manufacturer/dealer</b>	<b>note</b>
conductor CS and PF	copper alloy C10700	Luvata, AURUBIS	
conductor insulation	S2 glass fiber satin weave type 6580, with an epoxy compatible silane finish	Filmar, Streiffband AG	
	DuPont™ Kapton® FPC 1 mil (0,25um)	Dupont	
interlayer insulation	S2 glass fiber satin weave type 6580, with an epoxy compatible silane finish	Filmar, Streiffband AG	
Ground insulation	S2 glass fiber satin weave type 6580, with an epoxy compatible silane finish	Filmar, Streiffband AG	
coil's impregnation	DER-332 50 pbw resin	Vuki, a.s	Option 1
	DER-736 50 pbw resin		
	NMA 90 pbv hardener		
	DMP-30 2 pbv activator		
coil's impregnation	GY 282 resin	Huntsman	Option 2
	HY918 (82) hardener		
	DY073-1 (0.25) accelerator)		
Coil's impregnation	CTD 101-K	CTD	Option 3
Primer	CTD 450	CTD	
CS support construction - Tie Tube	Nitronic 50		
PF support construction	Stainless steel 316 LN		
PF and CS inserts	Fiberglass laminate G10		