PES 101 METAL REPAIR PASTE, 102 METAL REPAIR FLUID

COMPARISON WITH BELZONA 1111/1821 &

THORTEX Metal Tech EG/ Metal Tech FG

Engineering Repair

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	PES 101 Metal Repair Paste	THORTEX Metal tech EG	BELZONA 1111	PES 102 Metal Repair Fluid	THORTEX Metal tech FG	BELZONA 1821
Wet continuous	158°F	158°F	158°F	158°F	158°F	158°F
Wet intermittent	248°F	248°F	248°F	248°F	248°F	248°F
Dry continuous	248°F	248°F	248°F	248°F	248°F	248°F
Dry intermittent	302°F	302°F	302°F	302°F	302°F	302°F
Compressive strength ASTM D695	15,300psi (1075kg/cm²)	15,500psi (1090kg/cm²	13,000psi (914kg/cm²)	13,650psi (960kg/cm²)	9000psi (635kg/cm²)	11,300psi (795kg/cm²)
Tensile shear adhesion ASTM D1002	2630psi (185kg/cm²)	2500psi (175kg/cm²)	2700psi (190kg/cm²)	2875psi (202kg/cm²)	2800psi (195kg/cm²)	3000psi (211kg/cm²)
Flexural strength ASTM D790	10,000psi (703kg/cm²)	10,000psi (700kg/cm²)	9000psi (633kg/cm²)	9000psi (635kg/cm²)	7000psi (490kg/cm²)	8900psi (626kg/cm²)
Hardness (Rockwell R) ASTM D785	100	100	89	85	85	85
Corrosion Resistance ASTM B117	5000 hours	5000 hours	5000 hours	5000 hours	5000 hours	5000 hours