

# LETOXIT<sup>®</sup> EPOXY ADHESIVES for high-strength bonds

Adhesive LETOXIT <sup>®</sup>	Typical curing temperature	Typical curing time	Shear strength at 20°C (Mpa)	Peel strength at 20°C (N/mm)	Form	Tg (°C)	Advantages	Industry
<b>KFL 120</b>	120 °C	60 min.	36 - 41	4 - 7	foil	102	extra high strength bonds	aviation
<b>KFL 120N</b>	120 °C	60 min.	36 - 41	4 - 7	foil	102	high strength bonds	industry application
<b>KFL 125</b>	120 °C	60 min.	29 - 34	3,5 - 6	foil	102	net carrier	industry application
<b>KFL 130</b>	120 °C (100 °C)	20 (60) min.	36 - 41	4 - 7	foil	105	fast curing, high strength bonds	industry application
<b>KFL 131</b>	120 °C (100 °C)	20 (60) min.	29 - 34	2 - 4	foil	105	fast curing, net carrier	industry application
<b>VFL 120</b>	120 °C	60 min.	4	-	foil foam	-	increase volume by 85 - 150 %	industry application
<b>LHX 149</b>	25 °C (50 °C)	24 hours (4 hours)	34 - 40	2 - 4	pastelike	80*	curing at room temp., higher temperature resistance	aviation
<b>PL 20</b>	25 °C (50 °C)	24 hours (4 hours)	34 - 40	2 - 4	pastelike	50*	curing at room temperature	aviation
<b>PL 50</b>	25 °C (50 °C)	24 hours (4 hours)	28 - 36	4 - 7	pastelike	50*	curing at room temperature	aviation
<b>PL 60</b>	25 °C (50 °C)	24 hours (4 hours)	28 - 36	4 - 7	pastelike	60*	curing at room temp., higher temperature resistance	aviation
<b>PL 80</b>	25 °C (50 °C)	24 hours (4 hours)	28 - 36	4 - 7	pastelike	80*	curing at room temp., high temperature resistance	aviation

\*cured at 80 °C for a hours

All types of epoxy adhesives bonds: metals (mainly aluminium), fiber-reinforced composites, wood, plastics (ask for more information)



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