



MS Polymer

Adhesive & Sealant Technology



Code	Color	Chemical Base	Cartridge Size in ml	Consistency Viscosity mPas	Tensile Shear Strength in N/mm ²		Elongation at break	Shrinkage	Temperature Range in °C	Skin Formation Time at 23°C/50% RH	Max. width for stable joints	Curing Rate after 24 hrs 23°C/50% RH	Tack Free Time in min	Special properties
					Alu/Alu	Steel/Steel								
6500	grey	MS Hybrid Polymer	310	thixotropic paste	3.1	2.5 - 2.8	200%	< 10%	-40° to +90° short +200°	7 min	40 mm	2.5 mm	> 7	General purpose MSP. Ideal for elastic bonds. Fast skin formation
6510	grey		310	thixotropic paste	2.0	1.6 - 2.0	~500%	~6%	-40° to +90° short +200°	25 - 45 min	40 mm	> 4 mm	> 25	High elongation for flexible bonds and sealing seams + joints. Slow skin formation
6520	trans- parent		310	thixotropic paste	2.0	1.8	~400%	~2%	-40° to +80°	3 - 5 min	20 mm	2.5 mm	> 3	Low shrinkage adhesive/sealant Extreme fast skin formation
6530	grey		310	thixotropic paste	2.5	1.7 - 2.3	~450%	< 5%	-40° to +90° short +200°	5 - 10 min	40 mm	4.0 mm	> 10	High-tack MSP with fast initial adherence and cure rate
6540 6541	white black		310	thixotropic paste	4.7	3.5 - 4.3	~700%	< 5%	-40° to +90° short +200°	~ 5 min	40 mm	3.0 mm	> 5	Very high bonding strength + elongation Fast skin formation
6550	grey		310	high viscosity sprayable	1.6	-	~400%	< 10%	-40° to +90° short +200°	20 - 35 min	10 mm	2.5 mm	> 35	Sprayable seam + joint sealing Sound damping
6560	white		290	thixotropic paste	3.0	-	~700%	< 10%	-40° to +90° short +200°	~ 4 min	20 mm	3.0 mm	> 4	Fast strength + good initial adhesion Easy application from caulking cartridge

Material Suitability

all above MSP

Steel, Aluminium Copper & Alloys	Zinc & Galvanic Surfaces	GRP Fiberglass	Polar Plastics PA6, PC, PMMA, PS, PVC	Rubber	Glass, Quarz Ceramics, Stone	Wood
●●	●●	●	●●	●	●●	●●

●● very good
● good

Recommended values and detailed information can be found in the TDS (technical data sheets).

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