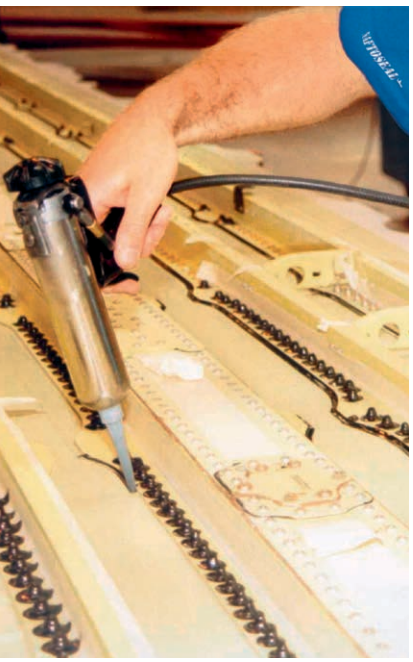
Product Info

Naftoseal®

A full range of approved aircraft sealant technologies



Advantages:

- Free of chrome and solvents/low in solvent content
- Low temperature flexibility
- Fast tack-free and cure times
- Good adhesion to various substrates
- Excellent chemical resistance
- High elasticity and resilience
- Good thixotropic properties, no slump
- Low and medium density products available

Applications:

- For OEM and MRO applications
- All aircraft applications requiring sealants

Naftoseal® polysulphide sealants are specifically designed to meet the challenging requirements of the aerospace industry. The OEM and maintenance sectors both benefit from a full range of easy-to-use and approved aircraft sealant technologies. They can be used for all aircraft applications requiring sealants, such as fuel tank, fuselage, floor panels and aerodynamic smoothing.

Adhesion promoters, tool and equipment cleaning technologies and mixing devices round-off our portfolio for an efficient and safe sealant application.

Chemetall
expect more

Naftoseal® A full range of approved aircraft sealant technologies

Product Description and Use	Specifications (extract)	Application Time		Tack-Free Time	Cure Time to Shore A 30/35
Adhesion Promoter	One-component adhesion promoter to prepare surfaces prior to the application of polysulphide sealants.				
Naftoseal MC-110 To be used mainly for Naftoseal MC-238, MC-630 or MC-650. The flash point is 36 °C.					
Naftoseal MC-115 To be used mainly for Naftoseal MC-340, MC-770 or MC-780. The flash point is 30 °C.					
Low-Adhesion Sealants	Two-component, manganese dioxide cured polysulphide access door sealant for faying surfaces wherever easy separation of joined surfaces is required.				
Naftoseal MC-216 Class A Application by brush, spatula or dispensing gun.	DAN 1269, IPS 04-05-006-03	A-2	2 hrs	< 24 hrs	< 72 hrs
Naftoseal MC-216 Class B Application by spatula or dispensing gun.	DAN 1270, IPS 04-05-006-04	B-2	2 hrs	< 24 hrs	< 72 hrs
Fuel Tank and Fuselage Sealants	Two-component, manganese dioxide cured, liquid polysulphide polymer systems providing excellent fuel tank and fuselage seals.				
Naftoseal MC-238 Class A Application by brush, spatula or dispensing gun.	AIMS 04-05-001 & 04-05-002, NTA 65361, MDL 6057	A-1/2 A-2 A-4	30 minutes 2 hrs 4 hrs	< 10 hrs < 14 hrs < 14 hrs	< 30 hrs < 48 hrs < 48 hrs
Naftoseal MC-238 Class B Application by spatula or dispensing gun.	AIMS 04-05-001 & 04-05-002, NTA 65361, MDL 6057	B-1/4 B-1/2 B-2 B-4	15 minutes 30 minutes 2 hrs 4 hrs	< 2 hrs < 10 hrs < 14 hrs < 14 hrs	< 4 hrs < 30 hrs < 48 hrs < 48 hrs
Naftoseal MC-340 Class B Medium-density sealant to be used as well for aero-dynamic smoothing and protection of landing gears.	PCS-7200	B-2	2 hrs	< 12 hrs	< 20 hrs
Naftoseal MC-630 Class A Fuselage sealant. Application by brush, spatula or dispensing gun.	AIMS 04-05-001, DAN 1159	A-2	2 hrs	< 16 hrs	< 48 hrs
Naftoseal MC-630 Class C Fuselage sealant. Application by dispensing gun or roller coating technology. Unique „self-filleting" characteristics.	AIMS 04-05-001, DAN 1184	C-2	2 hrs	n. a.	< 12 hrs
Naftoseal MC-650 Class B Fuselage sealant. Application by spatula or dispensing gun.	AIMS 04-05-001, DAN 1186	B-1	1 hrs	< 7 hrs	< 10 hrs
Naftoseal MC-770 Class B Low-density fuselage sealant. Application by spatula or dispensing gun.	AIMS 04-05-001	B-2 grey	2 hrs	< 20 hrs	< 48 hrs
Naftoseal MC-780 Class A Low-density sealant. Application by brush, spatula or dispensing gun.	AIMS 04-05-001 & -012, -014 & -015, NTA 65361, MDL 6058, CMS-SL 101 & 104, ECS 0045	A-1/2 A-1 A-2	30 minutes 1 hrs 2 hrs	< 4 hrs < 7 hrs < 14 hrs	< 8 hrs < 10 hrs < 24 hrs
Naftoseal MC-780 Class B Low-density sealant. Application by spatula or dispensing gun.	AIMS 04-05-001 & -012, -014 & -015, NTA 65361, MDL 6058, BAMS 552-008 & -009, CMS-SL 101 & 104, MEP 09-084, ECS 0045	B-1/4 B-1/2 B-1 B-2 B-4	15 minutes 30 minutes 1 hrs 2 hrs 4 hrs	< 3 hrs < 4 hrs < 7 hrs < 10 hrs < 20 hrs	< 4 hrs < 8 hrs < 10 hrs < 10 hrs < 48 hrs
Naftoseal MC-780 Class C Reduced-density sealant. Application by dispensing gun or roller coating technology. Unique „self-filetting" characteristic.	AIMS 04-05-001 & -012, -014 & -015, NTA 65361, MDL 6058, CMS-SL 101 & 104, MEP 09-084	C-1/3 C-2 C-4 C-8 C-12 C-24 C-36 C-48 C-60	20 minutes 2 hrs 4 hrs 8 hrs 12hrs 24 hrs 36 hrs 48 hrs 60 hrs	< 30 min < 3 hrs < 6 hrs < 12 hrs < 20 hrs < 80 hrs < 120 hrs < 168 hrs < 250 hrs	< 3 hrs < 12 hrs < 30 hrs < 7 days < 14 days < 20 days < 30 days < 56 days < 70 days
Naftoseal MC-460 Classes A and B Used as floor panel sealant or wherever parts need to be removed. Flame-retardant.	AIMS 04-31-002	A-1/4 B-1/4	15 minutes 15 minutes	< 3 hrs < 3 hrs	< 4 hrs < 4 hrs

Chemetall www.chemetall.com

CM-PI0205ENG-07.2015