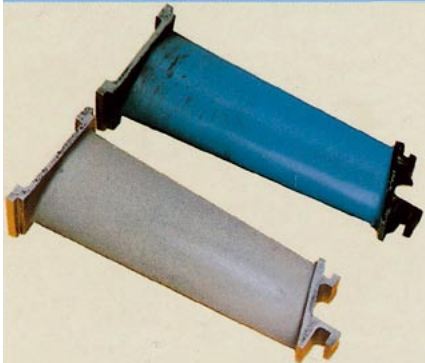


DRY STRIP®



DRY STRIP®

Plastic Blast Media



FDS DRY STRIPPING TECHNOLOGY GMBH-(FDST)

Since 1987 FDS DRY STRIPPING TECHNOLOGY GMBH (FDST) has been producing Plastic Blast Media in Germany in accordance with German quality standards.

Co-operating with leading European aerospace companies and manufacturers of dry stripping equipment, FDST has set high standards with the development of their Plastic Blast Media.

Carefully selected raw material as well as a stringent quality control to meet the requirements of the aeronautical industry guarantee high quality standards for DRY STRIP®.

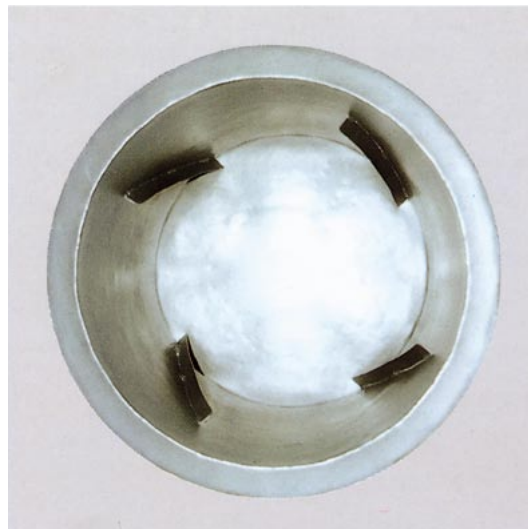
DRY STRIP® is used whenever there is a need to meet highest standards.

DRY STRIP® consists of granulated amino resin. The sharp edged particles remove lacquer, contamination or other coatings, while maintaining substrate integrity. Thus even very delicate surfaces such as aluminium, magnesium, composite material etc. will not suffer any material erosion or other damage.

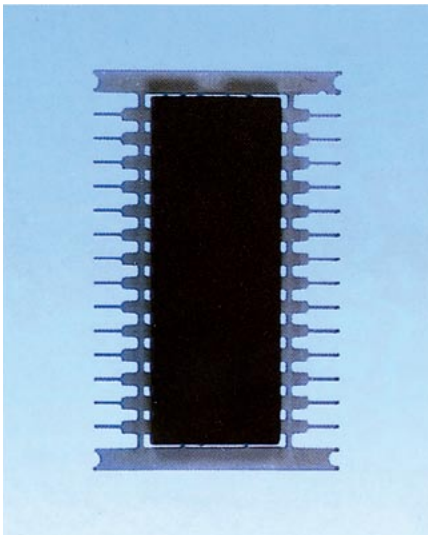
DRY STRIP® is chemically inert. Due to this the environment will not be endangered as is the case with toxic chemical strippers.

The use of DRY STRIP® reduces significantly hazardous, toxic wastes.

DRY STRIP® is available in four different types. Our Product Support will be pleased to help you with the choice of the correct type and granulate size for your special applications.



1



DRY STRIP® Type 1

is a soft abrasive particularly suitable for applications on delicate substrates, where maintenance of surface integrity has absolute priority.

Constant quality and durability are the advantages of DRY STRIP® Type 1 over conventional organic media.

DRY STRIP® Type 2

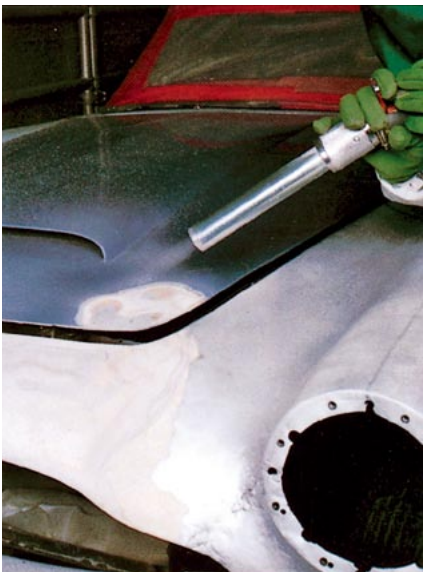
is somewhat harder and more aggressive than DRY STRIP® Type 1 and, therefore, applicable for a large spectrum of treatment. It is fast and efficient, not damaging, and suitable for cleaning and stripping a great variety of substrates as used in the aeronautical industry as well as in general industry.

It is a low cost and ecologically harmless substitute for chemical strippers, thus eliminating environmental contamination.



2

3



DRY STRIP® Type 3

Due to its extreme hardness DRY STRIP® Type 3 is recommended for removing highly resistant lacquers and coatings. It is ideal for stripping less delicate surfaces.

Nevertheless, it will not wear out tooling or equipment as is the case with conventional "hard" abrasives.

DRY STRIP® Type 5

Its hardness is about the same as that of DRY STRIP® Type 1.

Although the removal rate is almost as high as that of DRY STRIP® Type 2, DRY STRIP® Type 5 induces less roughness on soft metals and galvanized coatings.

It is ideal for thin and/or soft non-ferrous metals.

5



DRY STRIP® Applications

Paint removal

- aircraft
- helicopters
- all types of aircraft components
- metallic and composite structures
- engine parts
- paint rejects
- boat hulls
- cars

Deburring

- electronic components
- components
- aluminium components

Cleaning

- cleaning/surface preparation before painting
- engine parts
- boat hulls
- mould cleaning in rubber and plastic industry

DRY STRIP® Advantages

- no toxic chemicals
- important reduction of health and environmental risks
- significant reduction in manpower, material and disposal cost
- continuous media recycling during operation is an economical factor
- constant high quality of media
- no damaging or material erosion on delicate substrates
- different hardness grades and granulate sizes of the media allow adaption to a great variety of substrates

Physical Characteristics

DRY STRIP®	Type 1	Type 2	Type 3	Type 5
Hardness approx. Barcol	34 - 42	54 - 62	64 - 72	46 - 54
MOHS Scale	3,0	3,5	4,0	3,5
Specific Gravity (g/cm ³)	1,15 - 1,25	1,45 - 1,60	1,45 - 1,60	1,15 - 1,20
Bulk Density (kg/m ³)	580 - 630	720 - 770	720 - 770	580 - 630
max. Operation Temperature °C approx.	120	150	175	93
Chemical Consistence	Polyester Resin Thermoset	Urea Resin Thermoset	Melamine Resin Thermoset	Acryl Thermo- plastic

Specifications

DRY STRIP® Plastic Blast Media is available in various qualities

Aerospace quality

meets MIL-P-85891 (A) or PrL06-850 etc., each batch with C of C

Industrial quality

meets house-intern strict quality requirements, but without C of C, for use where no specification is required

Manufacture to other specification if required

Granulate sizes

DRY STRIP® is available in various granulate sizes

US-Mesh:	Millimeter	Inches
12/16	1,2 - 1,7	0,047 - 0.066
16/20	0,8 - 1,2	0,033 - 0,047
20/30	0,6 - 0,8	0,023 - 0.033
20/40	0,4 - 0,8	0,017 - 0,033
30/40	0,4 - 0,6	0,017 - 0,023
40/60	0,25 - 0,4	0,010 - 0,017
60/80	0,18 - 0,25	0,007 - 0,010

other granulate sizes available if required

Packaging

filled in drums

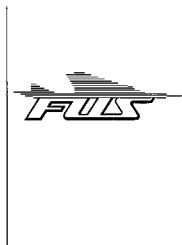
DRY STRIP® Typ 1 und DRY STRIP® Typ 5: à 100 kg
DRY STRIP® Typ 2 und DRY STRIP® Typ 3: à 125 kg

other packaging sizes available if required

Manufacturer



Sole Distributor



Flugzeug-Union Süd GmbH

Postfach 1152
D-85502 Ottobrunn
Telefon (089)-607-2-53-93
Telefax (089)-607-2-53-62
www.fus-online.de