DURPLAST S®

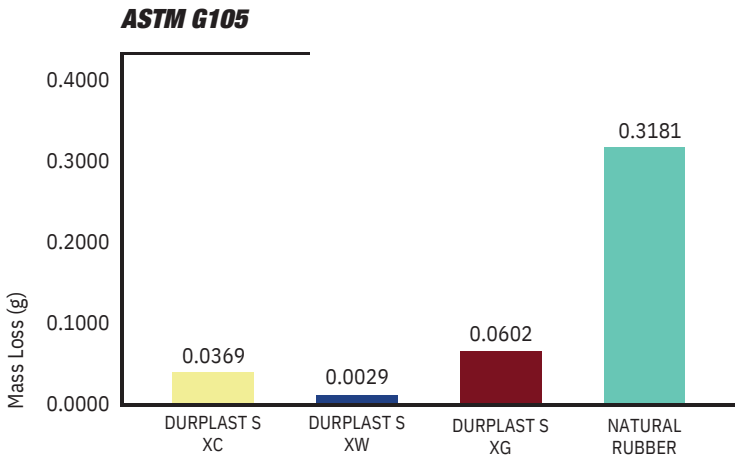
SPRAYABLE ELASTOMER RANGE

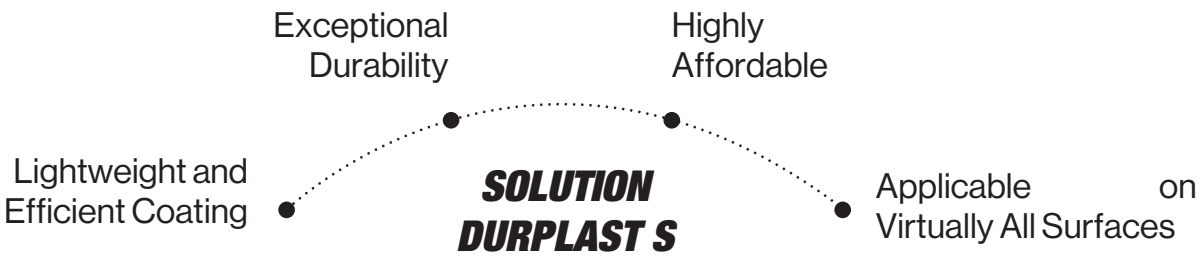
The nuances of the DURPLAST S® range combine the lightness of elastomers with the elastic resistance of duplex steel.

No coating with a similar density can compete with DURPLAST S®, whether it's about surface condition, long-term adhesion, or mass loss under abrasion.

Whether dealing with flat or complex surfaces, under heavy stress or not, the DURPLAST S® range is an innovative technical solution that addresses numerous challenges.

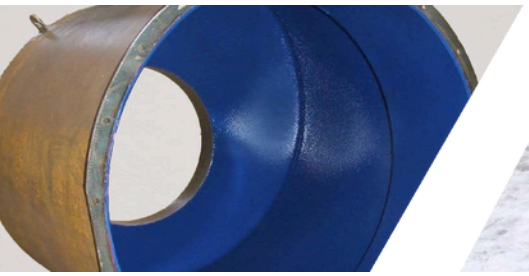
The feasibility of the process enables the protection of all forms of parts, from simple to the most complex.

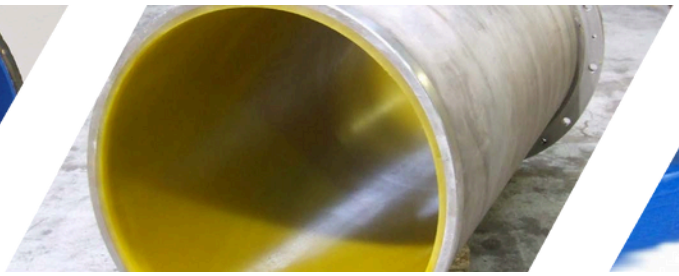


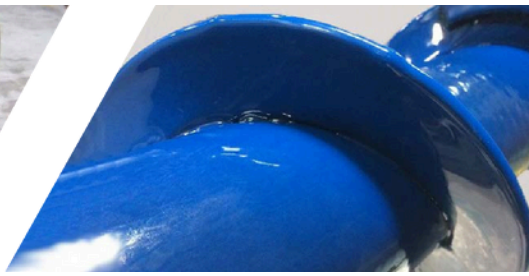


APPLICATION AREAS

Agitators/mixers, feeders, conveyor belts, flanges/seals, screens, cyclones, tanks/containers, technical weighing rollers, sanding rollers, water/concrete treatment, vibrating hoppers, turbines, pipes, nozzles, Archimedean screws, pumps, non-metallic surfaces.







OUR RANGE

LIGHTWEIGHT YET HARD AS STEEL COATING

Sprayable PU-based Elastomer. Hardness of 62 to 65 Shore A. Thanks to its high coefficient of friction, this grade is perfectly suitable for impact protection.

DURPLAST S ® XC

Elastomer sprayable PU-based. Hardness of 82 to 85 Shore A. This grade exhibits high resistance to abrasion and cavitation. It is a top choice for protecting parts regularly subjected to heavy wear

DURPLAST S ® XW

Elastomer sprayable PU-based. Hardness of 95 to 98 Shore A. With the lowest friction coefficient in our range, DURPLAST-XG enables effective and reliable solutions in terms of anti-adhesion, for instance, to significantly reduce clogging and increase efficiency

DURPLAST S ® XG

SOME TECHNICAL DETAILS

	Durplast S-XC	Durplast S-XW	Durplast S-XG
Hardness	60/65 Shore A	82/85 Shore A	95/98 Shore A
Specific Weight Thermal	1,10 g/cm3	1,05 g/cm3	1,05 g/cm3
Conductivity Surface	0,2 W/K.m	0,2 W/K.m	0,2 W/K.m
Electrical Resistivity	> 7.1010 Ohm	> 7.1010 Ohm	> 7.1010 Ohm
Heat Resistance	+100°C (Dry) +60 °C (Wet)	+130°C (Dry) +60 °C (Wet)	+130°C (Dry) +60 °C (Wet)
Cold Resistance	-50 °C (Dry)	-50 °C (Dry)	-50 °C (Dry)
Abrasion Resistance Index (according to DIN 53516)	80mm	70mm	90mm
Friction Coefficient µm	3 0.7	3 0.6	3 0.2

Possible Thickness: 1 to 20 mm without drips. Density: 1.05 to 1.10 g/cm3 depending on the grade + abrasion/cavitation resistance = lightweight wear protection coating concept.

Non-toxic coatings, compliant with FDA requirements for use in contact with dry products in pharmaceutical and food industries. Standard Colors*: Blue, Red, Yellow (contact us for other colors)

The shades are not exactly identical to RAL and may change under UV rays*

153, rue Aristide Bergès - BP 29402
73094 Chambéry CEDEX 9 - France
Tél. +33 (0)4 79 62 06 73
info@wa-produr.com

PRODUR
ENGINEERED BY WELDING ALLOYS

MADE IN FRANCE

MA38-02 Février 2022