HUANGSHI
Huangshi Friction Material

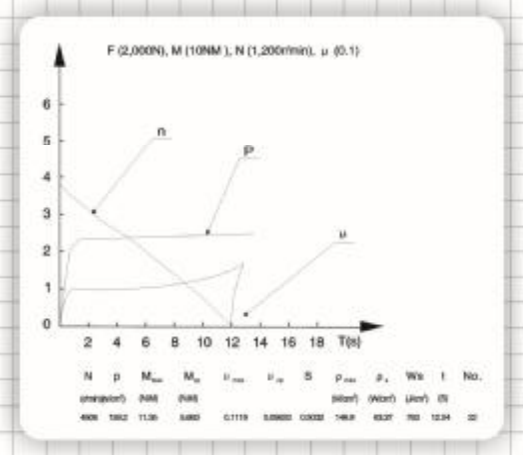
粉末冶金铜基湿式摩擦材料
Powder Metallurgy Cu-based Friction Material (in oil)

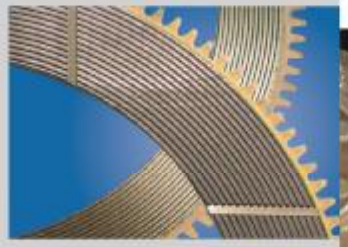
1.摩擦系数：μ_d =0.04 - 0.09, $\mu_s \geq 0.10$
2.磨耗率：$\lambda \leq 1\times10^{-4}\ cm^3/J$

1.Friction Coefficient：μ_d =0.04 - 0.09, $\mu_s \geq 0.10$
2.Wear Rate：$\lambda \leq 1\times10^{-4}\ cm^3/J$

使用条件：
1.工作比压 ≤ 6 MPa
2.线速度 ≤ 40m/s
3.工作油温 ≤ 200℃

Conditions of Application:
1、Specific Pressure in Application： ≤ 6MPa
2、Linear Velocity：≤ 40m/s
3、Oil Temperature in Operation：≤ 200℃



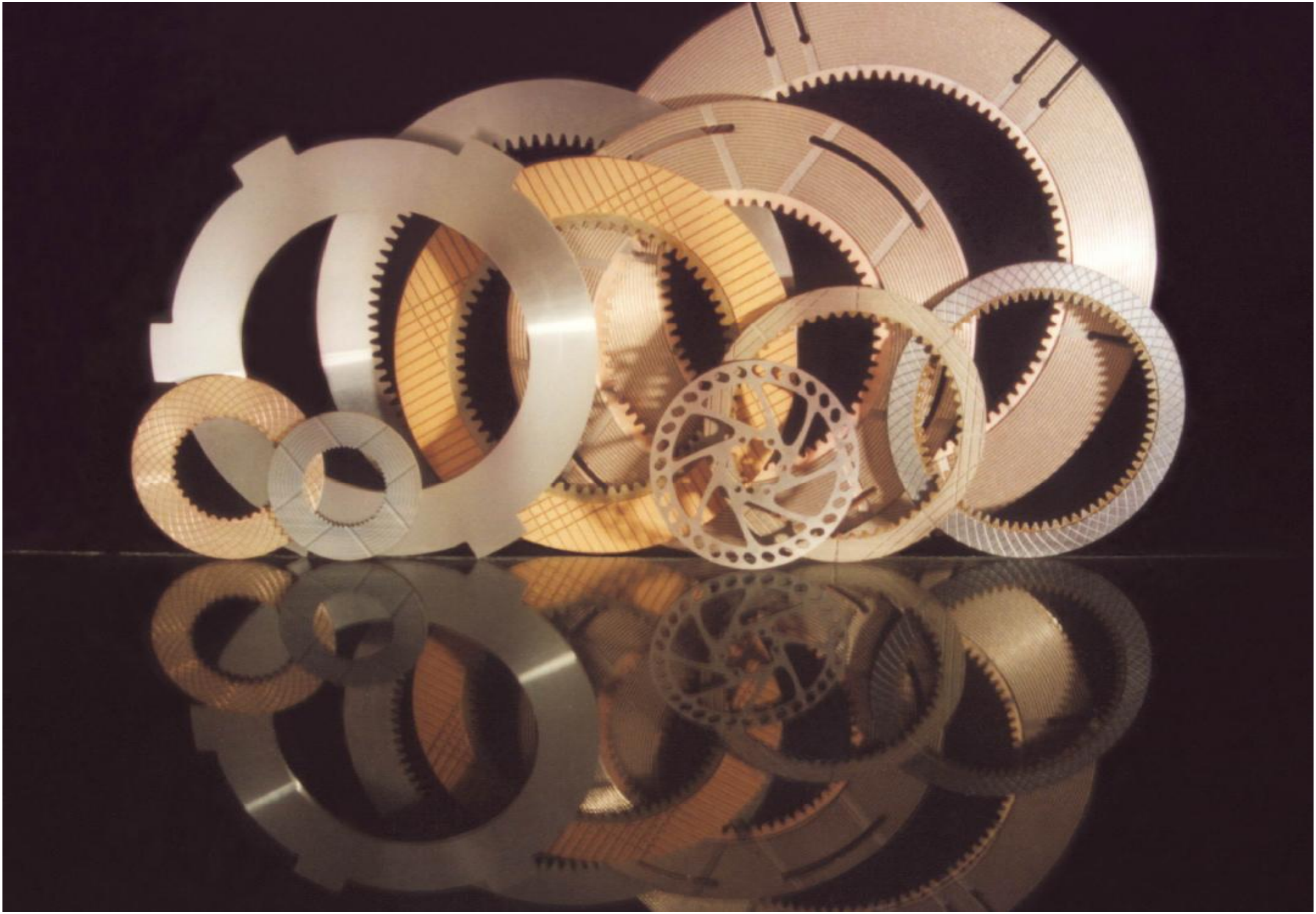












公司简介 COMPANY PROFILE

黄石赛福摩擦材料有限公司始建于1966年，系国内生产摩擦材料专业工厂。地处黄石市市区，现为股份制企业。

公司拥有先进的检测手段和产品开发能力，且已通过ISO9001：2000质量体系认证，主要生产铜基、铁基、纸基、碳基、半金属及无石棉等材质的摩擦材料制品，规格品种达1000余个，广泛应用于工程机械、汽车、船舶等离合或制动中，产品现主要为国内原装配套，同时广销世界各地。

公司下属的赛特摩擦材料有限公司采用丹麦劳伦茨无石棉摩擦材料技术，生产无石棉摩擦材料，为轿车、公汽及各类卡车提供盘式或鼓式制动片原装和维修配套，并获得ISO9001和ISO/TS16949质量体系认证。

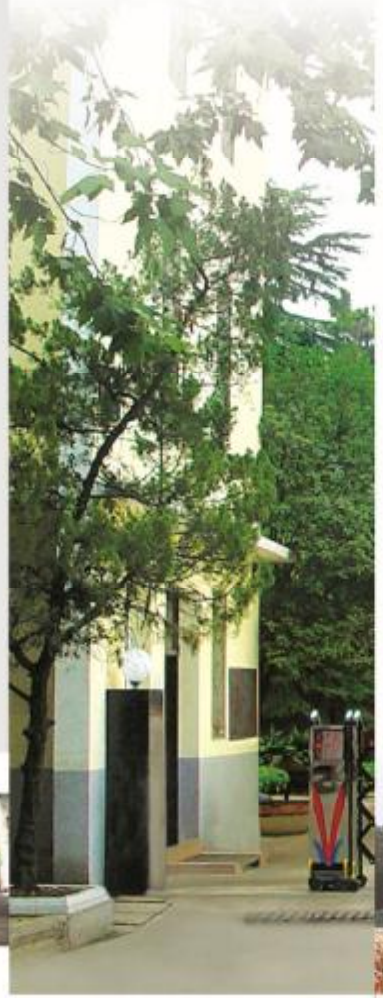
为客户提供优质的产品、满意的服务是公司永恒的追求，我们热忱欢迎国内外客商洽谈订货。

Huangshi Saife Friction Material Co., Ltd. (Saife), founded in 1966, is a private stock cooperative limited company which is specialized in the manufacture of friction materials.

Being a certified manufacturer of ISO9001:2000, Saife has a complete set of advanced machines and equipment of production and inspection. It produces different friction material products of P/M Cu-based, Fe-based, Paper-based, Carbon-based, Mo-coated, Semi-metallic and Non-asbestos, etc. with more than 1,000 specifications. These products are widely used in the brakes and/or clutches of construction machinery, automobile, marine gearbox and other machinery. They are chiefly supplied as OEM parts to the manufacturers of main machinery in China and also exported to the other parts of world.

Saife has a subsidiary as Huangshi Saite Friction Material Ltd. which produces non-asbestos friction material products by the technology imported from A/S Roulands Fabriker, Denmark. Being a certified manufacturer of ISO9001:2000 and ISO/TS16949, it supplies disc brake pads and drum brake linings as OEM and AM parts to cars, buses and trucks.

Customer's Satisfaction is our Ultimate Goal and Top Quality is our Continuous Pursuit. Customers at home and abroad are warmly welcome to purchase our products.



HUANGSHI
Huangshi Friction Material

铁基干式摩擦材料
Fe-based Friction Material (in air)

1.摩擦系数: $\mu_d \geqslant 0.35$ $\mu_s \geqslant 0.45$
2.磨耗率: $\lambda \leqslant 2 \times 10^{-8} cm^3/J$

1.Friction Coefficient: $\mu_d \geqslant 0.35$ $\mu_s \geqslant 0.45$
2.Wear Rate: $\lambda \leqslant 2 \times 10^{-8} cm^3/J$

使用条件:
1.工作比压 ≤ 6MPa
2.线速度 ≤ 80m/s

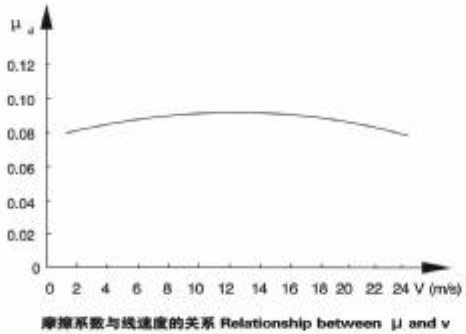
Conditions of Application:
1.Specific Pressure in Application: ≤ 6MPa
2.Linear Velocity: ≤ 80m/s

FRICTION MATERIAL

碳基湿式摩擦材料
Carbon-based Friction Material (in oil)

1.摩擦系数: μ_d = 0.07 - 0.10, $\mu_s \geq 0.10$
2.磨耗率: $\lambda \leq 2 \times 10^{-8}$ cm³ /J
3.能量负荷许用值 ≥60000

1.Friction Coefficient: μ_d = 0.07 - 0.10, $\mu_s \geq 0.10$
2.Wear Rate: $\lambda \leq 2 \times 10^{-8}$ cm³ /J
3.Permitted Value of Energy-Load: ≥60, 000



摩擦系数与线速度的关系 Relationship between μ and v

无石棉纸基 NON-ASBESTOS PAPER-BASED

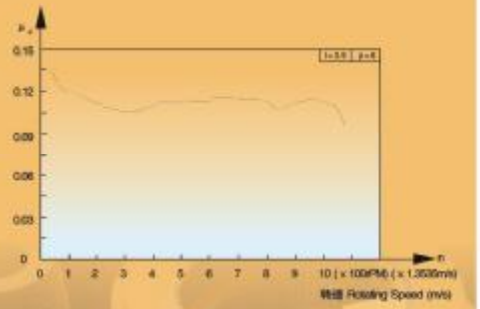
无石棉纸基摩擦材料
Non-asbestos Paper-based Friction Material

1.摩擦系数: μ_d =0.10 - 0.14, $\mu_s \geq 0.14$
2.磨耗率: $\lambda \leq 2.0 \times 10^{-6}$ cm³ /J

1.Friction Coefficient: μ_d =0.10 - 0.14,
$\mu_s \geq 0.14$
2.Wear Rate: $\lambda \leq 2.0 \times 10^{-6}$ cm³ /J

使用条件:
1.工作比压 ≤ 6 MPa
2.线速度 ≤ 40m/s
3.工作油温 ≤ 120℃

Conditions of Application:
1.Specific Pressure in Application: ≤ 6MPa
2.Linear Velocity: ≤ 40m/s
3.Oil Temperature in Operation: ≤ 120℃















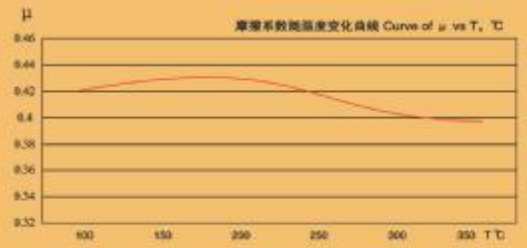

无石棉摩擦材料 NON-ASBESTOS FRICTION MATERIAL

HUANGSHI
Huangshi Friction Material

无石棉干式摩擦材料
Non-asbestos Friction Material (in air)

T(℃)	μ	W(10^{-7}cm³/N.m)
100	0.40	0.12
150	0.44	0.23
200	0.45	0.40
250	0.44	0.32
300	0.38	0.31
350	0.42	0.37

测试试验 Cooling Test	350℃	300℃	250℃	200℃	150℃	100℃
μ	0.40	0.37	0.42	0.44	0.44	0.42



NON-ASBESTOS FRICTION MATERIAL

粉末冶金铜基干式摩擦材料
Powder Metallurgy Cu-based Friction Material (in air)

1.摩擦系数: $\mu_d \geq 0.35$ $\mu_s \geq 0.40$
2.磨耗率: $\lambda < 2 \times 10^{-6} cm^3/J$

1.Friction Coefficient: $\mu_d \geq 0.35$ $\mu_s \geq 0.40$
2.Wear Rate: $\lambda < 2 \times 10^{-6} cm^3/J$

使用条件:
1.工作比压 ≤ 4MPa
2.线速度 ≤ 30m/s

Conditions of Application:
1.Specific Pressure in Application: ≤ 4MPa
2.Linear Velocity: ≤ 30m/s